VALOX* 420 Resin

Polybutylene Terephthalate **SABIC Innovative Plastics**



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Technical Data

Product Description	
30% GR, excellent strength, stiffne	ss and dimensional stability. High heat resistance. Appliance handles, spotlights, electric motors, connectors.
General	
Material Status	Commercial: Active
Literature ¹	Brochure - Chemical Compatibility Guide (English)Technical Datasheet
UL Yellow Card ²	• E121562-220792
Search for UL Yellow Card	SABIC Innovative PlasticsVALOX*
Availability	North America
Filler / Reinforcement	Glass Fiber Reinforcement, 30% Filler by Weight
Features	Good Dimensional StabilityGood StrengthHigh Heat Resistance
Uses	Appliance Components Connectors Handles
Automotive Specifications	CHRYSLER MS-DB400 CPN2512 Color: Black CHRYSLER MS-DB400 CPN3199 Color: Non-matched Color C
Processing Method	Injection Molding
Multi-Point Data	 Coefficient of Thermal Expansion vs. Temperature (ASTM E831) Elastic Modulus vs Temperature (ASTM D4065) Flexural DMA (ASTM D4065) Instrumented Impact (Energy) (ASTM D3763) Instrumented Impact (Load) (ASTM D3763) Pressure-Volume-Temperature (PVT - Zoller Method) Shear DMA (ASTM D4065) Specific Heat vs. Temperature (ASTM D3417) Tensile Creep (ASTM D2990) Tensile Fatigue Tensile Stress vs. Strain (ASTM D638) Thermal Conductivity vs. Temperature (ASTM E1530) Viscosity vs. Shear Rate (ASTM D3835)

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity			ASTM D792
	1.53	1.53 g/cm ³	
	1.53 g/cm ³	1.53 g/cm ³	
Specific Volume	18.3 in³/lb	0.660 cm³/g	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	17 g/10 min	17 g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (250°C/2.16 kg)	0.793 in ³ /10min	13.0 cm ³ /10min	ISO 1133
Molding Shrinkage			Internal Method
Flow ⁴	0.0030 to 0.0070 in/in	0.30 to 0.70 %	
Flow ⁵	0.0030 to 0.0050 in/in	0.30 to 0.50 %	
Flow ⁶	0.0050 to 0.0080 in/in	0.50 to 0.80 %	
Flow: 0.126 in (3.20 mm)	0.0030 to 0.0080 in/in	0.30 to 0.80 %	
Across Flow ⁴	0.0050 to 0.010 in/in	0.50 to 1.0 %	
Across Flow ⁵	0.0040 to 0.0060 in/in	0.40 to 0.60 %	
Across Flow 7	0.0060 to 0.0090 in/in	0.60 to 0.90 %	
Across Flow: 0.126 in (3.20 mm)	0.0050 to 0.010 in/in	0.50 to 1.0 %	
Water Absorption			
24 hr	0.090 %	0.090 %	ASTM D570
Equilibrium, 73°F (23°C), 50% RH	0.080 %	0.080 %	ISO 62
f 12			Form No. TDS-4725-

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Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus			
8	1.35E+6 psi	9300 MPa	ASTM D638
	1.35E+6 psi	9300 MPa	ISO 527-2/1
Tensile Strength			
Yield ⁹	17400 psi	120 MPa	ASTM D638
Yield	18100 psi	125 MPa	ISO 527-2/5
Break ⁹	17400 psi	120 MPa	ASTM D638
Break	18100 psi	125 MPa	ISO 527-2/5
Tensile Elongation			
Yield ⁹	2.7 %	2.7 %	ASTM D638
Yield	2.0 %	2.0 %	ISO 527-2/5
Break ⁹	2.7 %	2.7 %	ASTM D638
Break	2.0 %	2.0 %	ISO 527-2/5
Flexural Modulus			
1.97 in (50.0 mm) Span ¹⁰	1.10E+6 psi	7580 MPa	ASTM D790
11	1.23E+6 psi	8500 MPa	ISO 178
Flexural Strength			
11, 12	28300 psi	195 MPa	ISO 178
Yield, 1.97 in (50.0 mm) Span 10	28300 psi	195 MPa	ASTM D790
Break, 1.97 in (50.0 mm) Span ¹⁰	27500 psi	190 MPa	ASTM D790
Taber Abrasion Resistance	·		ASTM D1044
1000 Cycles, 1000 g, CS-17 Wheel	19.0 mg	19.0 mg	
npact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength ¹³			ISO 179/1eA
-22°F (-30°C)	2.4 ft·lb/in²	5.0 kJ/m²	
73°F (23°C)	2.4 ft·lb/in²	5.0 kJ/m²	
Charpy Unnotched Impact Strength ¹³			ISO 179/1eU
-22°F (-30°C)	21 ft·lb/in²	45 kJ/m²	
73°F (23°C)	21 ft·lb/in²	45 kJ/m²	
Notched Izod Impact			
-22°F (-30°C)	1.5 ft·lb/in	80 J/m	ASTM D256
73°F (23°C)	1.6 ft·lb/in	85 J/m	ASTM D256
-22°F (-30°C) ¹⁴	3.3 ft·lb/in²	7.0 kJ/m²	ISO 180/1A
73°F (23°C) ¹⁴	3.8 ft·lb/in²	8.0 kJ/m²	ISO 180/1A
Unnotched Izod Impact			
73°F (23°C)	15 ft·lb/in	800 J/m	ASTM D4812
-22°F (-30°C) ¹⁴	21 ft·lb/in²	45 kJ/m²	ISO 180/1U
73°F (23°C) ¹⁴	21 ft·lb/in²	45 kJ/m²	ISO 180/1U
Instrumented Dart Impact			ASTM D3763
73°F (23°C), Total Energy	70.8 in·lb	8.00 J	
ardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	118	118	ASTM D785 ISO 2039-2
			100 2000 2



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hermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 psi (0.45 MPa), Unannealed, 0.126 in (3.20 mm)	428 °F	220 °C	ASTM D648
66 psi (0.45 MPa), Unannealed, 0.252 in (6.40 mm)	420 °F	216 °C	ASTM D648
66 psi (0.45 MPa), Unannealed, 2.52 in (64.0 mm) Span ¹⁵	423 °F	217 °C	ISO 75-2/Bf
264 psi (1.8 MPa), Unannealed, 0.126 in (3.20 mm)	397 °F	203 °C	ASTM D648
264 psi (1.8 MPa), Unannealed, 0.252 in (6.40 mm)	405 °F	207 °C	ASTM D648
264 psi (1.8 MPa), Unannealed, 2.52 in (64.0 mm) Span ¹⁵	399 °F	204 °C	ISO 75-2/Af
Vicat Softening Temperature			
	419 °F	215 °C	ASTM D1525 16
	433 °F	223 °C	ISO 306/A50
Ball Pressure Test (257°F (125°C))	Pass	Pass	IEC 60695-10-2
CLTE			
Flow: -40 to 104°F (-40 to 40°C)	0.000014 in/in/°F	0.000025 cm/cm/°C	ASTM E831 ISO 11359-2
Flow: 140 to 280°F (60 to 138°C)	0.000014 in/in/°F	0.000025 cm/cm/°C	ASTM E831
Transverse: -40 to 104°F (-40 to 40°C)	0.000067 in/in/°F	0.00012 cm/cm/°C	ASTM E831 ISO 11359-2
Thermal Conductivity	1.3 Btu·in/hr/ft²/°F	0.19 W/m/K	ISO 8302
RTI Elec	284 °F	140 °C	UL 746
RTI Imp	284 °F	140 °C	UL 746
RTI Str	284 °F	140 °C	UL 746
ectrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Surface Resistivity	> 1.0E+15 ohm	> 1.0E+15 ohm	IEC 60093
Volume Resistivity			
	> 3.2E+16 ohm·cm	> 3.2E+16 ohm·cm	ASTM D257
	> 1.0E+15 ohm·cm	> 1.0E+15 ohm·cm	IEC 60093
Dielectric Strength			
0.0630 in (1.60 mm), in Oil	630 V/mil	25 kV/mm	ASTM D149
	480 V/mil	19 kV/mm	ASTM D149
0 126 in (3 20 mm) in Air			7101111111111
0.126 in (3.20 mm), in Air 0.0315 in (0.800 mm), in Oil		28 kV/mm	IFC 60243-1
0.0315 in (0.800 mm), in Oil	710 V/mil	28 kV/mm	IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷	710 V/mil 480 V/mil	19 kV/mm	IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil	710 V/mil 480 V/mil 610 V/mil	19 kV/mm 24 kV/mm	IEC 60243-1 IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil	710 V/mil 480 V/mil	19 kV/mm	IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant	710 V/mil 480 V/mil 610 V/mil 410 V/mil	19 kV/mm 24 kV/mm 16 kV/mm	IEC 60243-1 IEC 60243-1 IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80	19 kV/mm 24 kV/mm 16 kV/mm	IEC 60243-1 IEC 60243-1 IEC 60243-1
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70	IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10	IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10	IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10	IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250 ASTM D150
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.020	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 IEC 60250 IEC 60250 IEC 60250 ASTM D150 ASTM D150
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz 50 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020 0.0010	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250 ASTM D150
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.020	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 IEC 60250 IEC 60250 IEC 60250 ASTM D150 ASTM D150
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz 50 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020 0.0010	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250 IEC 60250 ASTM D150 ASTM D150 ASTM D150 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz 50 Hz 6 Hz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020 0.0010 0.0010	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020 0.0010	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 IEC 60250 IEC 60250 IEC 60250 ASTM D150 ASTM D150 ASTM D150 IEC 60250 IEC 60250 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz 1 MHz 1 MHz 1 MHz 1 MHz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 0.0020 0.020 0.020 0.0010 0.0010 0.0010	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0020 0.0010 0.0010 0.0010	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250 IEC 60250 IEC 60250 ASTM D150 ASTM D150 ASTM D150 IEC 60250 IEC 60250 IEC 60250 IEC 60250
0.0315 in (0.800 mm), in Oil 0.0394 in (1.00 mm) ¹⁷ 0.0630 in (1.60 mm), in Oil 0.126 in (3.20 mm), in Oil Dielectric Constant 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz Dissipation Factor 100 Hz 1 MHz 50 Hz 60 Hz 1 MHz 50 Hz 1 MHz 50 Hz	710 V/mil 480 V/mil 610 V/mil 410 V/mil 3.80 3.70 3.10 3.10 3.10 3.10 0.0020 0.0020 0.0010 0.0010 0.0010 0.0010 0.0010	19 kV/mm 24 kV/mm 16 kV/mm 3.80 3.70 3.10 3.10 3.10 0.0020 0.0020 0.0010 0.0010 0.0010 0.0010 0.0010	IEC 60243-1 IEC 60243-1 IEC 60243-1 IEC 60243-1 ASTM D150 ASTM D150 IEC 60250

Form No. TDS-4725-en

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Screw Speed

Vent Depth

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Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
High Voltage Arc Tracking Rate (HVTR)	PLC 1	PLC 1	UL 746
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.0331 in (0.840 mm))	НВ	НВ	UL 94
Glow Wire Flammability Index			IEC 60695-2-12
0.0394 in (1.00 mm)	1380 °F	750 °C	
Oxygen Index	19 %	19 %	ASTM D2863
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	30 %	30 %	ASTM D229
Injection	Nominal Value (English)	Nominal Value (SI)	
Drying Temperature	250 °F	121 °C	
Drying Time	3.0 to 4.0 hr	3.0 to 4.0 hr	
Drying Time, Maximum	12 hr	12 hr	
Suggested Max Moisture	0.020 %	0.020 %	
Suggested Shot Size	40 to 80 %	40 to 80 %	
Rear Temperature	460 to 490 °F	238 to 254 °C	
Middle Temperature	470 to 500 °F	243 to 260 °C	
Front Temperature	480 to 510 °F	249 to 266 °C	
Nozzle Temperature	470 to 500 °F	243 to 260 °C	
Processing (Melt) Temp	480 to 510 °F	249 to 266 °C	
Mold Temperature	150 to 190 °F	65.6 to 87.8 °C	
Back Pressure	50.0 to 100 psi	0.345 to 0.689 MPa	

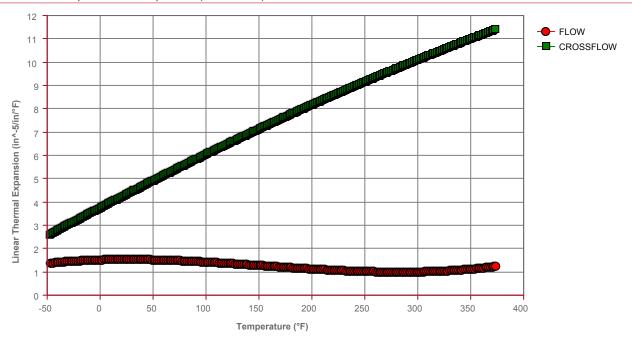
50 to 80 rpm

0.0010 to 0.0015 in

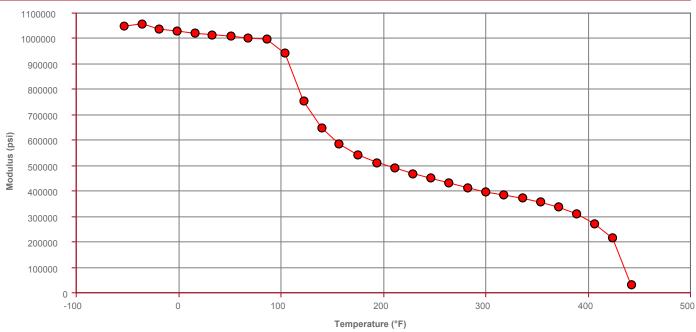
50 to 80 rpm

0.025 to 0.038 mm

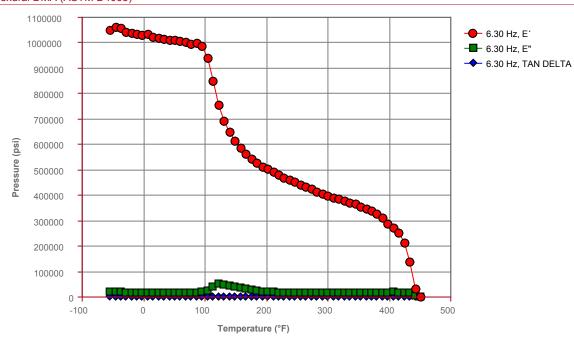
Coefficient of Thermal Expansion vs. Temperature (ASTM E831)



Elastic Modulus vs Temperature (ASTM D4065)

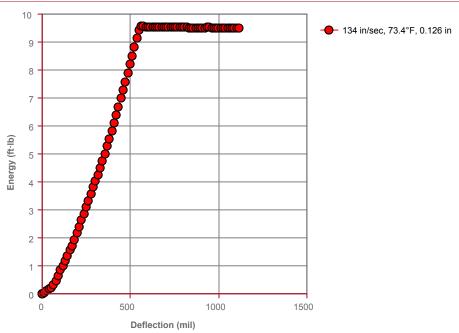


Flexural DMA (ASTM D4065)

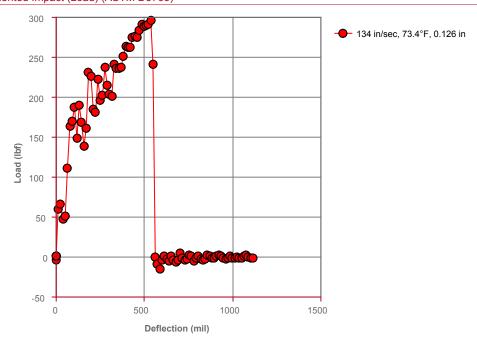




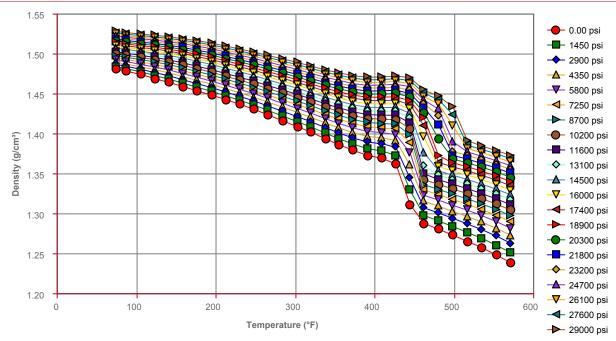
Instrumented Impact (Energy) (ASTM D3763)



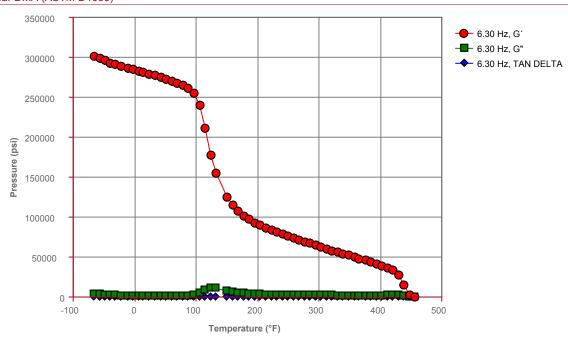
Instrumented Impact (Load) (ASTM D3763)



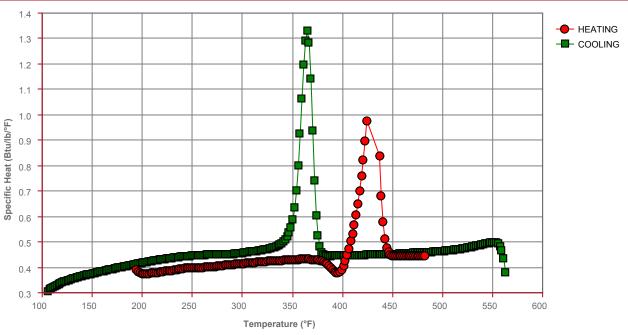
Pressure-Volume-Temperature (PVT - Zoller Method)



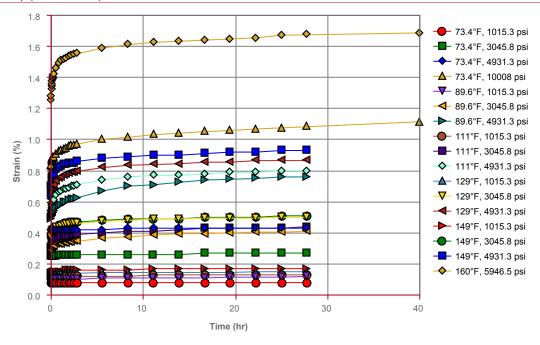
Shear DMA (ASTM D4065)



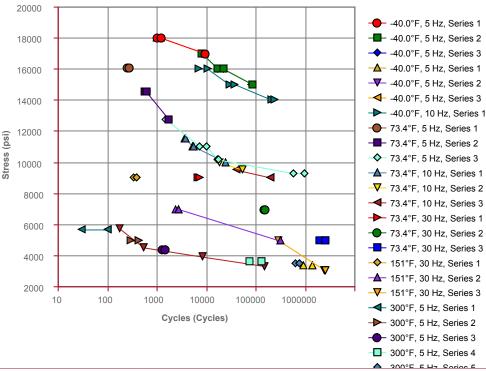
Specific Heat vs. Temperature (ASTM D3417)



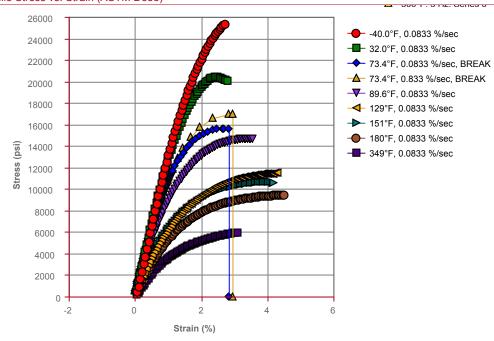
Tensile Creep (ASTM D2990)



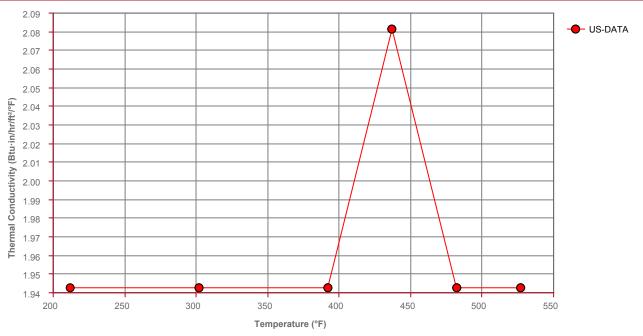
Tensile Fatigue



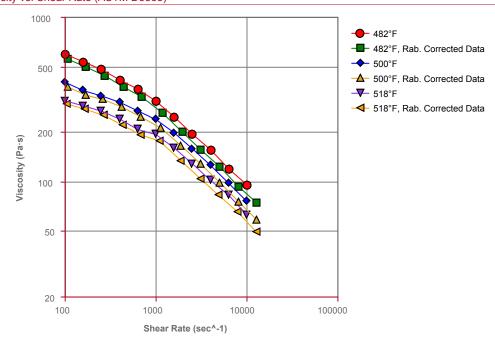
Tensile Stress vs. Strain (ASTM D638)



Thermal Conductivity vs. Temperature (ASTM E1530)



Viscosity vs. Shear Rate (ASTM D3835)



VALOX* 420 Resin

Polybutylene Terephthalate SABIC Innovative Plastics

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Notes

- ¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.
- ² A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL IDES continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.
- ³ Typical properties: these are not to be construed as specifications.
- ⁴ Tensile Bar
- ⁵ 1.5 to 3.2 mm
- ⁶ 3.2 to 4.6 mm
- ⁷ 3.2-4.6 mm
- 8 0.20 in/min (5.0 mm/min)
- ⁹ Type I, 0.20 in/min (5.0 mm/min)
- ¹⁰ 0.051 in/min (1.3 mm/min)
- ¹¹ 0.079 in/min (2.0 mm/min)
- 12 Yield
- ¹³ 80*10*4 sp=62mm
- ¹⁴ 80*10*4
- ¹⁵ 80*10*4 mm
- ¹⁶ Rate B (120°C/h), Loading 2 (50 N)
- ¹⁷ Short-Time
- ¹⁸ Tungsten Electrode

VALOX* 420 Resin

Polybutylene Terephthalate **SABIC Innovative Plastics**



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Where to Buy

Supplier

SABIC Innovative Plastics Pittsfield, MA USA Telephone: 800-845-0600 Web: http://www.sabic-ip.com/

Distributor

Nexeo Solutions

Telephone: 800-531-7106
Web: http://www.nexeosolutions.com/

Availability: North America

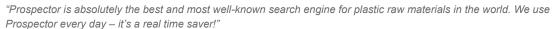


Founded in 1986 and based in Laramie, Wyoming, IDES is now part of the UL family of companies. UL is a premier global independent safety science company with more than a century of proven history. Employing nearly 10,000 professionals in over 100 countries, UL has five distinct business units -- Product Safety, Environment, Life & Health, Knowledge Services and Verification Services -- to meet the expanding needs of our customers and to deliver on our public safety mission.



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Prospector is a searchable online database that includes 85,000 data sheets from 875 manufacturers and 44,000 UL yellow cards. Each data sheet includes property, processing and supplier contact information. Prospector is relied on by nearly 400,000 design engineers and plastics processors. Using Prospector, they save time with plastic material selection by quickly and easily referencing technical information critical to the success of their products.



- Birgit Elvardt Bader, Production Manager, Micotron



Property Search – select plastics by 500 key properties and design parameters.

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Curve Data – view, overlay and export curve data.



Material Data Management – www.ides.com/datasheets

With our data management services, plastic suppliers and distributors can have custom search interfaces available on their website for their customers, website visitors, sales and customer service teams. These provide intuitive ways to find and view technical data sheets for their products.

"With UL IDES data services, our website now displays the most current information on the products we distribute and links to our backend RFQ and sales order system, adding both value and service for our customers."

- Kevin Chase, Owner & President, Chase Plastics



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