

## Sumitomo Chemical Sumipex<sup>®</sup> BF3 Acrylic Resin, GP Blow Molding Grade

Category : Polymer , Thermoplastic , Acrylic (PMMA)

### Material Notes:

Product Characteristics Excellent Weatherability High Transparency Good Heat Resistance Information provided by Calsak Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sumitomo-Chemical-Sumipex-BF3-Acrylic-Resin-GP-Blow-Molding-Grade.php](http://www.lookpolymers.com/polymer_Sumitomo-Chemical-Sumipex-BF3-Acrylic-Resin-GP-Blow-Molding-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238
	@Load 3.80 kg, Temperature 230 Â°C	@Load 8.38 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength, Yield	68.9 MPa	10000 psi	Type I; ASTM D638
	@Thickness 3.17 mm	@Thickness 0.125 in	
Elongation at Break	7.0 %	7.0 %	ASTM D638
Flexural Yield Strength	110 MPa	16000 psi	Type I; ASTM D790
	@Thickness 3.17 mm	@Thickness 0.125 in	
Flexural Modulus	3.10 GPa	450 ksi	Type I; ASTM D790
	@Thickness 3.17 mm	@Thickness 0.125 in	
Izod Impact, Notched	0.422 J/cm	0.790 ft-lb/in	ASTM D256
	@Thickness 3.17 mm, Temperature 22.8 Â°C	@Thickness 0.125 in, Temperature 73.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	93.9 Â°C	201 Â°F	annealed; ASTM D648
	@Thickness 3.17 mm	@Thickness 0.125 in	
Vicat Softening Point	104 Â°C	219 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Refractive Index	1.49	1.49	ASTM D542
Haze	<= 0.50 %	<= 0.50 %	ASTM D1003

Optical Properties	Metric	English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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