

## Phillips Sumika Marlex® AGM-110 Reactor Thermoplastic Polyolefins, Cold Temperature Impact Resistant (discont

Category : Polymer , Thermoplastic , Polyolefin

### Material Notes:

Applications: Automotive fascias and claddings Consumer products Totes and bins Information provided by Chevron Phillips. Phillips Sumika Polypropylene Company has been shut down, as announced in 2011. This product had been discontinued prior to the shutdown announcement.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-Sumika-Marlex-AGM-110-Reactor-Thermoplastic-Polyolefins-Cold-Temperature-Impact-Resistant-nbspdiscont.php](http://www.lookpolymers.com/polymer_Phillips-Sumika-Marlex-AGM-110-Reactor-Thermoplastic-Polyolefins-Cold-Temperature-Impact-Resistant-nbspdiscont.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	Injection molded specimen; ASTM D1505
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	65	65	Injection molded specimen; ASTM D785
Tensile Strength, Yield	20.0 MPa	2900 psi	2 in/min, injection molded, type 1 specimen; ASTM D638
Flexural Modulus	0.700 GPa	102 ksi	Injection molded specimen, 0.05 in/min, Tangent method; ASTM D790
Izod Impact, Notched	0.480 J/cm @Temperature -30.0 °C	0.899 ft-lb/in @Temperature -22.0 °F	injection molded specimen; ASTM D256
	1.60 J/cm @Temperature 0.000 °C	3.00 ft-lb/in @Temperature 32.0 °F	injection molded specimen; ASTM D256
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	injection molded specimen; ASTM D256
Falling Dart Impact	30.0 J	22.1 ft-lb	0.5" tup, 150"/sec, at -30°C, injection molded specimen; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	70.0 °C	158 °F	injection molded specimen; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	45.0 °C	113 °F	injection molded specimen; ASTM D648

Thermal Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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