

## MRC Polymers SATRAN<sup>®</sup>,ç 805 ABS Terpolymer, Impact Modified

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Impact Grade, Molded

**Material Notes:**

Information provided by MRC Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MRC-Polymers-SATRAN-805-ABS-Terpolymer-Impact-Modified.php](http://www.lookpolymers.com/polymer_MRC-Polymers-SATRAN-805-ABS-Terpolymer-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D 792
Water Absorption	0.40 %	0.40 %	ASTM D 570
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D 955
Melt Flow	2.0 - 5.0 g/10 min @Load 3.80 kg, Temperature 230 Â°C	2.0 - 5.0 g/10 min @Load 8.38 lb, Temperature 446 Â°F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM D 638
Flexural Strength	59.0 MPa	8560 psi	ASTM D 790
Flexural Modulus	2.069 GPa	300.1 ksi	ASTM D 790
Izod Impact, Notched	0.910 J/cm @Temperature -20.0 Â°C	1.70 ft-lb/in @Temperature -4.00 Â°F	ASTM D 256
	2.08 J/cm @Temperature 23.0 Â°C	3.90 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.0 Â°C	189 Â°F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	77.0 Â°C	171 Â°F	ASTM D 648

## Contact Songhan Plastic Technology Co.,Ltd.

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