

Denka TX-600S Transparent Resin Polymer (MS resin) Methyl Methacrylate Styrene

Category : Polymer , Thermoplastic

Material Notes:

"TX Polymer" (methyl methacrylate styrene), MS resins as an alternative to acrylic resins, with low density, low moisture absorption, and good moldability, "TH Polymer/TP Polymer," MBS resins with a good balance of transparency, strength and fluidity (methyl methacrylate butadiene styrene), "TE Series/CL Series," transparent ABS resins with excellent color attributes and tensile strength are available (among others). Applications TX is used for: flat display substrates optical components miscellaneous goods. TP/TH are used for: food package sheeting as well as in manufacturing electronic equipment and components miscellaneous goods TE/CL are for: electronic equipment and components information equipment components AV equipment, etc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Denka-TX-600S-Transparent-Resin-Polymer-MS-resin-Methyl-Methacrylate-Styrene.php

Physical Properties	Metric	English	Comments
Density	1.127 g/cc	0.04072 lb/in ³	ISO 1183
Melt Flow	1.5 g/10 min	1.5 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	
	20 g/10 min	20 g/10 min	ISO 1133
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	87	87	ISO 2039-2
Flexural Strength	120 MPa	17400 psi	ISO 178
Flexural Modulus	3.35 GPa	486 ksi	2mm/min; ISO 178
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	ISO 179-2

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.0 °C	172 °F	ISO 75-2
Vicat Softening Point	101 °C	214 °F	50N; ISO 306
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
	0.20 %	0.20 %	

Haze Optical Properties	Metric @ Thickness 2.00 mm	English @ Thickness 0.0787 in	ISO 14782 Comments
Transmission, Visible	92 % @Thickness 2.00 mm	92 % @Thickness 0.0787 in	ISO 13468-1

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China