

Mitsui NOTIO™ PN-2070 Nano-crystal Structure Controlled Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyolefin

Material Notes:

NOTIO™ is a polyolefin elastomer designed by a really new concept. NOTIO™ is a controlled crystal and amorphous structure on a nano scale, and shows better properties when compared with conventional polyolefin elastomers. Information provided by Mitsui Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mitsui-NOTIO-PN-2070-Nano-crystal-Structure-Controlled-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	
Melt Flow	7.0 g/10 min @Temperature 230 °C	7.0 g/10 min @Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	
Tensile Strength at Break	14.0 MPa	2030 psi	
Elongation at Break	>= 800 %	>= 800 %	
Modulus of Elasticity	0.0160 GPa	2.32 ksi	
Compression Set	20 % 60 % @Temperature 70.0 °C	20 % 60 % @Temperature 158 °F	
Tensile Set	12 %	12 %	Permanent set after 150% expansion

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	TMA needle insertion temperature
Vicat Softening Point	60.0 °C	140 °F	
Brittleness Temperature	-28.0 °C	-18.4 °F	

Optical Properties	Metric	English	Comments
Haze	7.0 % @Thickness 2.00 mm	7.0 % @Thickness 0.0787 in	Press molding sheet

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