

Samyang Triel® 5206SP Thermoplastics Polyetherester Elastomer, Double Extrusion

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyester, TP , Polyether Ester Elastomer

Material Notes:

Excellent mechanical characteristics, elasticity, thermal resistance and chemical resistance.5206SP is intended for double extrusion.Information provided by Samyang.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samyang-Triel-5206SP-Thermoplastics-Polyetherester-Elastomer-Double-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Water Absorption	0.50 %	0.50 %	ASTM D570
Linear Mold Shrinkage	0.015 - 0.017 cm/cm	0.015 - 0.017 in/in	ASTM D955
Melt Flow	6.0 - 10 g/10 min @Load 2.16 kg, Temperature 230 °C	6.0 - 10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	20	20	ASTM D2240
Izod Impact, Notched	NB @Thickness 3.17 mm, Temperature -40.0 °C	NB @Thickness 0.125 in, Temperature -40.0 °F	ASTM D256
	NB @Thickness 3.17 mm, Temperature 23.0 °C	NB @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	178 °C	352 °F	ASTM D2117
Vicat Softening Point	65.0 °C	149 °F	ASTM D1525

Descriptive Properties	Value	Comments
Flexible Rate	> 400%	ASTM D638

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