

Aclo Accutech TPO TPO030T9V Paintable Grade

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , TPO

Material Notes:

Approved to Suzuki Spec Black B14257

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-TPO-TPO030T9V-Paintable-Grade.php

Physical Properties	Metric	English	Comments
Density	0.965 g/cc	0.0349 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	MD; ASTM D955
Linear Mold Shrinkage, Transverse	0.0105 cm/cm	0.0105 in/in	TD
Melt Flow	35 g/10 min	35 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Tensile Modulus	1.350 GPa	195.8 ksi	ASTM D638
Flexural Strength	29.0 MPa	4210 psi	ASTM D790
Izod Impact, Notched	0.534 J/cm @Temperature -30.0 °C	1.00 ft-lb/in @Temperature -22.0 °F	ASTM D256
Heat Distortion	210250 %	210250 %	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	67.0 µm/m-°C @Temperature 20.0 °C	37.2 µin/in-°F @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	

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