

Technical Data Sheet
ACCUTECH™ TPO030T9
V

Thermoplastic Polyolefin Elastomer
Engineering Plastics



General

Automotive Specifications	• SUZUKI Unspecified Color: B14257 Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.965	0.963 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35 g/10 min	35 g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	8.0E-3 in/in	0.80 %	
Across Flow	0.011 in/in	1.1 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	196000 psi	1350 MPa	ASTM D638
Tensile Strength (Yield)	2900 psi	20.0 MPa	ASTM D638
Tensile Elongation (Break)	100 %	100 %	ASTM D638
Flexural Modulus	210000 psi	1450 MPa	ASTM D790
Flexural Strength	4210 psi	29.0 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	85	85	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 psi (0.45 MPa), Unannealed	239 °F	115 °C	
264 psi (1.8 MPa), Unannealed	158 °F	70.0 °C	
CLTE - Flow	3.7E-5 in/in/°F	6.7E-5 cm/cm/°C	ASTM D696

Additional Information

Notched Izod Impact, ASTM D256, (-30°C): 5.4 kJ/m²

