

Technical Data Sheet

Polytrope TPP 518U-313 01 BLACK

Thermoplastic Polyolefin Elastomer



Product Description

TPO High Modulus 13% Talc

Processing Method Injection Molding

Filler/Reinforcement Talc, 13%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	21.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1300	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	300	%	ASTM D638
Impact			
Notched Izod Impact	600	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	90	°C	ASTM D648
Additional Information			
Filler Content	13	%	ASTM D5630