

Technical Data Sheet

***Polytrope* TPP 518-31 01 BLACK**



Thermoplastic Polyolefin Elastomer

**Product Description**

TPO High Modulus 13% Talc

**Processing Method**            Injection Molding

**Filler/Reinforcement**        Talc, 13%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	1	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact	600	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	90	°C	ASTM D648
<b>Additional Information</b>			
Filler Content	13	%	ASTM D5630