

Polytrope TPP 518HU-3182 BLACK

LyondellBasell Industries - Thermoplastic Polyolefin Elastomer

General Information

Product Description

TPO High Modulus 13% Talc

General

Filler / Reinforcement	• Talc, 13% Filler by Weight
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	3050	psi	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Flexural Modulus ³	189000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	11	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	194	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ 0.051 in/min