



Sinpolene TPP6520

Teknor Apex Asia Pacific PTE. LTD. - Polypropylene Copolymer

General Information

Product Description

SINPOLENE TPP6520 is a premium talc reinforced polypropylene thermoplastic moulding compound. It has good balance of UV stability, modified impact strength and physical proeprties together with easy flow characteristics.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Filler / Reinforcement	• Talc, 20% Filler by Weight
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	9.0E-3 to 0.011	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2320	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	232000	psi	ASTM D790
Flexural Strength	3770	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	248	°F	ASTM D648

Notes

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