Sinpolene TPP5540/2D

Polypropylene Copolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINPOLENE TPP5540/2D is a premium talc reinforced polypropylene thermoplastic extrusion compound. It is UV stabilized and has good balance of mechanical and physical properties.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.70 - 0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	58	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	133	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525 [1]
NOTE			
1.	压力1 (10N)		

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