

Sinpolene TPP6520

Polypropylene Copolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

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

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 - 1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Flexural Strength	26.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648

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