

Sinpolene TPP1020

Polypropylene Homopolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene TPP1020 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% talc. It is available in Asia Pacific for injection molding.

General Information			
UL YellowCard	E142591-223228		
Filler / Reinforcement	Talc,20% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Vicat Softening Temperature	153	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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Recommended distributors for this material

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