

Sinpolene CPP2020

Polypropylene Copolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene CPP2020 is a Polypropylene Copolymer (PP Copolymer) material filled with 20% calcium carbonate. It is available in Asia Pacific for injection molding.

General Information			
UL YellowCard	E142591-223222		
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight		
Forms	Pellets		
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)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Break)	180	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790
Flexural Strength	28.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	72	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Vicat Softening Temperature	146	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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Recommended distributors for this material

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