

Sinpolene CPP1030

Polypropylene Homopolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene CPP1030 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 30% calcium carbonate. It is available in Asia Pacific for injection molding.

General Information			
UL YellowCard	E142591-223222		
Filler / Reinforcement	Calcium Carbonate,30% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 to 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength	44.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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Recommended distributors for this material

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