

Sinpolene CPP1050

Polypropylene Homopolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene CPP1050 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 50% calcium carbonate. It is available in Africa & Middle East, Asia Pacific, or Latin America. Primary attribute of Sinpolene CPP1050: Homopolymer.

Typical application of Sinpolene CPP1050: Appliances

General Information			
UL YellowCard	E142591-223222		
Filler / Reinforcement	Calcium Carbonate,50% Filler by Weight		
Features	Homopolymer		
Uses	Appliance Components		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	24	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	121	°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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