

Sinpolene CPP5540

Polypropylene

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINPOLENE CPP5540 is a polypropylene material, and its filler is 40% calcium carbonate filler. This product is available in the Asia-Pacific region and is processed by injection molding. The main characteristics of SINPOLENE CPP5540 are: good UV resistance.

Typical application areas include:

electrical appliances

industrial applications

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Features	Good UV resistance		
Uses	Industrial application		
	Home appliance components		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Tensile Elongation (Break)	77	%	ASTM D638
Flexural Modulus	1960	MPa	ASTM D790
Flexural Strength	34.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	118	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525 ¹
NOTE			
1.	压 力1 (10N)		

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Recommended distributors for this material

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