

Sinpolene CPP1020

Polypropylene Homopolymer

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene CPP1020 is a Polypropylene Homopolymer (PP Homopolymer) 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)	32.0	MPa	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Flexural Strength	43.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	28	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	148	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT