

# Sinpolene CPP2040

Polypropylene Copolymer

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Sinpolene CPP2040 is a Polypropylene Copolymer (PP Copolymer) material filled with 40% calcium carbonate. It is available in Asia Pacific for injection molding.

General Information			
UL YellowCard	E142591-223222		
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 to 1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.0	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	1750	MPa	ASTM D790
Flexural Strength	32.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	54	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	146	°C	ASTM D1525 <sup>1</sup>

## NOTE

1. Loading 1 (10 N)

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## Recommended distributors for this material

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