

Sinpolene GPP1640

Polypropylene Homopolymer
Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinpolene GPP1640 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 40% glass fiber. It is available in Asia Pacific for injection molding.

General Information			
UL YellowCard	E142591-223226		
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Forms	Pellets		
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)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	110	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7900	MPa	ASTM D790
Flexural Strength	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648

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Recommended distributors for this material

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