

Caltex PP H540

Polypropylene Homopolymer

GS Caltex

Message:

Caltex PP H540 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of Caltex PP H540 are:

- Flame Rated
- Heat Resistant
- High Stiffness
- Homopolymer

General Information			
UL YellowCard	E319107-100074910	E352041-101083946	
Features	High Heat Resistance		
	High Stiffness		
	Homopolymer		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5 to 1.9	%	
Across Flow	1.5 to 1.9	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 500	%	
Flexural Modulus	1570	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)	124	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
Flammability	Nominal Value		Test Method

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

