Caltex PP H570

Polypropylene Homopolymer

GS Caltex

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Technical Data

Product Description	
Caltex PP H570 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for injection molding. Primary attribute of Caltex PP H570: Homopolymer.	

General	
Material Status	• Commercial: Active
Literature [1]	• Technical Datasheet (English)
Search for UL Yellow Card	• GS Caltex
Availability	• Asia Pacific
Features	• Homopolymer
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.903	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5 to 1.9	%	
Across Flow	1.5 to 1.9	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 500	%	
Flexural Modulus	1670	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	26	J/m	ASTM D256
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	103		ASTM D785
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	122	°C	
Vicat Softening Temperature	152	°C	ASTM D1525 [3]

Notes

[1] These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

[2] Typical properties: these are not to be construed as specifications.

[3] Rate B (120°C/h)

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Where to Buy

Supplier

GS Caltex
, South Korea
Telephone: +82-2-2005-6631-5
Web: http://www.gspp.co.kr/eng/

Distributor

Please contact the supplier to find a distributor for Caltex PP H570

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