

IPC PP 4833H-T

Polypropylene Homopolymer

International Polymers Corporation

Message:

IPC PP 4833H-T is a polypropylene homopolymer (PP Homopoly) material, which contains 33% talc filler. This product is available in North America. The main characteristics of IPC PP 4833H-T are: homopolymer.

The typical application field of IPC PP 4833H-T is: automotive industry

General Information			
Filler / Reinforcement	Talc filler, 33% filler by weight		
Features	Homopolymer		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage	0.80	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	29.0	MPa	ISO 527-2
Flexural Modulus	3100	MPa	ISO 178
Shear Modulus	1100	MPa	ASTM D732
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	2.7	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	119	°C	ISO 75-2/B
1.8 MPa, not annealed	69.0	°C	ISO 75-2/A
Additional Information			

Filler Content: 31 to 35% TalcMelt Mass-Flow Rate, ISO 1133, 230°C, 2.16kg: 12.0 to 18.0 g/10 minDensity - Specific Gravity, ISO 1183 (A): 1.12 to 1.16 g/cm³The value listed as Shear Modulus, ASTM D732, was tested in accordance with ASTM D4065.The value listed as Mold Shrinkage, ISO 294-4 was tested in accordance with ISO 2577.

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