Ferro PP TPP40AF21HB WHITE

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP TPP40AF21HB WHITE is a Polypropylene Homopolymer (PP Homopolymer) material filled with 46% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of Ferro PP TPP40AF21HB WHITE: Homopolymer.

General Information			
Filler / Reinforcement	Talc,46% Filler by Weight		
Features	Homopolymer		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.30	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.0	%	
Across Flow	1.2	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	31.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	2820	MPa	
Tangent : 23°C	4430	MPa	
Flexural Strength (23°C)	50.3	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Unnotched Izod Impact (23°C)	210	J/m	ASTM D4812
Gardner Impact (23°C)	0.904	J	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	138	°C	
1.8 MPa, Unannealed	87.8	°C	

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