

Ferro PP TPP20AJ25UL BLACK

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP TPP20AJ25UL BLACK is a Polypropylene Homopolymer (PP Homopolymer) material filled with 21% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Ferro PP TPP20AJ25UL BLACK are:

Heat Stabilizer

Homopolymer

General Information			
Filler / Reinforcement	Talc,21% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Homopolymer		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5	%	
Across Flow	1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	32.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	12	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	2350	MPa	
Tangent : 23°C	2740	MPa	
Flexural Strength (23°C)	50.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C)	670	J/m	ASTM D4812
Gardner Impact (23°C)	0.565	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	129	°C	
1.8 MPa, Unannealed	79.4	°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

