

Ferro PP TPP20AF34BK

Polypropylene
Ferro Corporation

Message:

Ferro PP TPP20AF34BK is a polypropylene material, which contains 20% talc filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

The main features of Ferro PP TPP20AF34BK are:

Homopolymer
heat stabilizer

Typical application areas include:

House
Automotive Industry

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	heat stabilizer		
Features	Homopolymer		
	Thermal Stability		
	Fill		
Uses	Parts under the hood of a car		
	Shell		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.4	%	ASTM D955
Transverse flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	32.6	MPa	ASTM D638
Flexural Modulus	2790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	20	J/m	ASTM D256
23°C	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	122	°C	ASTM D648
1.8 MPa, not annealed	82.0	°C	ASTM D648

Additional Information

Mineral Content, ASTM D2584: 20.5% Thermal Oxidative Stability, ASTM D3012, 150°C: >500 hrs.

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