

Ferro PP TPP25AP93BK

Polypropylene Copolymer

Ferro Corporation

Message:

Ferro PP TPP25AP93BK is a polypropylene copolymer (PP Copoly) material, which contains 25% 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 TPP25AP93BK are:

Copolymer

UV stability

General Information			
Filler / Reinforcement	Talc filler, 25% filler by weight		
Additive	UV stabilizer		
Features	Copolymer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.3	%	ASTM D955
Transverse flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 23°C)	24.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	1660	MPa	ASTM D790
Tangent: 23°C	1920	MPa	ASTM D790
Flexural Strength ² (Yield, 23°C)	34.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	108	°C	ASTM D648
1.8 MPa, not annealed	57.0	°C	ASTM D648
Additional Information			
Filler Content, ASTM D2584: 25.3%			
NOTE			
1.	500 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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