

# Ferro PP TPP15AN76BK

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP TPP15AN76BK is a polypropylene homopolymer (PP Homopoly) material, which contains 15% 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 TPP15AN76BK are:

- environmental protection/green
- high liquidity
- Homopolymer
- heat stabilizer

The typical application field of Ferro PP TPP15AN76BK is: automotive industry

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Additive	heat stabilizer		
Recycled Content	Yes, 25%		
Features	Homopolymer		
	High liquidity		
	Thermal Stability		
Uses	Application in Automobile Field		
	Car interior parts		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	72	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Vertical flow direction	1.8	%	ISO 294-4
Flow direction	1.4	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	27.6	MPa	ISO 527-2
Flexural Modulus	1950	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/A
-40°C	1.7	kJ/m <sup>2</sup>	ISO 180/A
23°C	2.9	kJ/m <sup>2</sup>	ISO 180/A
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air	1.0	%	ISO 188
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, not annealed	115	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
Additional Information			

The values listed as Molding Shrinkage, ISO 294-4, were tested in accordance with ISO 2577.Heat Aging Performance (Izod Retention), ISO 188: -8%

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#### Recommended distributors for this material

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