

Ferro PP TPP20AC16BK

Polypropylene Homopolymer

Ferro Corporation

Message:

Meets/Exceeds Ford Engineering Specification ESH-M4D293-A.

Primary end use is for blower wheels and similar components.

General Information			
Filler / Reinforcement	Talc,22% 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	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.6	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	30.4	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Unnotched Izod Impact (23°C)	470	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	119	°C	
1.8 MPa, Unannealed	68.0	°C	

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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

