

Ferro PP TPP20AW01UL-WH

Polypropylene
Ferro Corporation

Message:
Ferro PP TPP20AW01UL-WH is a Polypropylene material filled with 20% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PP TPP20AW01UL-WH: Impact Modified.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.3	%	
Across Flow	1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	26.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1790	MPa	
Tangent : 23°C	2140	MPa	
Flexural Strength (23°C)	44.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Instrumented Dart Impact (23°C)	67.8	J	ASTM D3763
Gardner Impact (23°C)	31.1	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°C	UL 746

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Recommended distributors for this material

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