

Ferro PP RPP10GT25UL

Polypropylene
Ferro Corporation

Message:

Ferro PP RPP10GT25UL is a Polypropylene material filled with 10% glass bead. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Important attributes of Ferro PP RPP10GT25UL are:
Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Bead,10% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.7	%	
Across Flow	1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	31.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	10	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1520	MPa	
Tangent : 23°C	1720	MPa	
Flexural Strength (Yield, 23°C)	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Unnotched Izod Impact (23°C)	240	J/m	ASTM D256
Gardner Impact	0.169	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	62.8	°C	ASTM D648
RTI Elec			UL 746
1.59 mm	115	°C	
3.18 mm	115	°C	
RTI Imp			UL 746
1.59 mm	115	°C	

3.18 mm	115	°C	
RTI Str			UL 746
1.59 mm	115	°C	
3.18 mm	115	°C	
Flammability	Nominal Value		Test Method
Flame Rating (0.0625 mm)	V-2		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

