

FERREX® GPP05CS77NA

Polypropylene
Ferro Corporation

Message:
FERREX® GPP05CS77NA is a polypropylene material, and its filler is 20% calcium carbonate filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. FERREX® The main characteristics of the GPP05CS77NA are: impact modification.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	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	1.6	%	ASTM D955
Transverse flow	1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	26.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	170	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	1170	MPa	ASTM D790
Tangent: 23°C	1310	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	35.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Dart Drop Impact	32.2	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	93.3	°C	ASTM D648
1.8 MPa, not annealed	51.7	°C	ASTM D648
Additional Information			

Filler Content, ASTM D2584: 5.5%

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

