

Ferro PP LPP40BC85UL-WH

Polypropylene
Ferro Corporation

Message:
Ferro PP LPP40BC85UL-WH is a Polypropylene material filled with 40% calcium carbonate. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PP LPP40BC85UL-WH: Heat Stabilizer.

General Information			
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	White		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5	%	
Across Flow	1.7	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	22.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1980	MPa	
Tangent : 23°C	2520	MPa	
Flexural Strength (23°C)	33.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100	J/m	ASTM D4812
Gardner Impact (23°C)	16.4	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
1.8 MPa, Unannealed	68.3	°C	

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Recommended distributors for this material

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