

Ferro PE JPE65HJ01BK

Linear Low Density Polyethylene
Ferro Corporation

Message:

Ferro PE JPE65HJ01BK is a linear low density polyethylene material, which contains a filler of 65% barium sulfate. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics of Ferro PE JPE65HJ01BK are: heat stabilizer.

General Information			
Filler / Reinforcement	Barium sulfate, 65% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.84	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5	%	ASTM D955
Transverse flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	6.89	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	340	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	186	MPa	ASTM D790
Tangent: 23°C	200	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	5.34	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	340	J/m	ASTM D256
Unnotched Izod Impact (23°C)	460	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	21.1	°C	ASTM D648
1.8 MPa, not annealed	19.4	°C	ASTM D648
Additional Information			

Filler Content, ASTM D2584: 65%

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