

Ferro Pe JPE65HJ01BK

Linear Low Density Polyethylene

LyondellBasell Industries

Engineering Plastics

General			
Filler / Reinforcement	• Barium Sulfate, 65% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.84	1.84 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield, 73°F (23°C))	1000 psi	6.89 MPa	ASTM D638
Tensile Elongation (Break, 73°F (23°C))	340 %	340 %	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F (23°C)	27000 psi	186 MPa	
Tangent : 73°F (23°C)	29000 psi	200 MPa	
Flexural Strength (Yield, 73°F (23°C))	775 psi	5.34 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	6.3 ft·lb/in	340 J/m	ASTM D256
Unnotched Izod Impact (73°F (23°C))	8.7 ft·lb/in	460 J/m	ASTM D4812

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	70.0 °F	21.1 °C	
264 Psi (1.8 Mpa), Unannealed	67.0 °F	19.4 °C	

Additional Information			
Filler Content, ASTM D2584: 65%			

Notes

These are typical property values not to be construed as specification limits.

