

Technical Data Sheet

Ferro Pe NPE00IA03NA

Polyethylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Features	• Impact Copolymer		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.880	0.878 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	4.6 g/10 min	4.6 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield, 73°F (23°C))	1630 psi	11.2 MPa	ASTM D638
Tensile Elongation (Break, 73°F (23°C))	350 %	350 %	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F (23°C)	15000 psi	103 MPa	
Tangent : 73°F (23°C)	18700 psi	129 MPa	
Flexural Strength (Yield, 73°F (23°C))	785 psi	5.41 MPa	ASTM D790
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	268 °F	131 °C	ASTM D1525

Notes

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