

Ferro PE NPE00IA04NA

Polyethylene

Ferro Corporation

Message:

Ferro PE NPE00IA04NA is a Polyethylene material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of Ferro PE NPE00IA04NA: Impact Resistant.

General Information			
Features	High Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.878	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	11.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	300	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	101	MPa	
Tangent : 23°C	107	MPa	
Flexural Strength (Yield, 23°C)	5.52	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Gardner Impact	> 36.2	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525

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Recommended distributors for this material

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