

Technical Data Sheet

Network Polymers Ldpe 10 0127 EVA

Ethylene Vinyl Acetate Copolymer

LyondellBasell Industries

Engineering Plastics

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density (Natural)	0.951 g/cm ³	0.951 g/cm ³	ASTM D1505
Vinyl Acetate Content	27.0 wt%	27.0 wt%	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹			ASTM D638
Break, 73°F (23°C), 0.125 In (3.18 Mm), Injection Molded	1200 psi	8.27 MPa	
Tensile Elongation ¹			ASTM D638
Break, 73°F (23°C), 0.125 In (3.18 Mm), Injection Molded	> 800 %	> 800 %	
Flexural Modulus - 1% Secant	4100 psi	28.3 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 Sec, 73°F (23°C), 0.125 In (3.18 Mm), Injection Molded	76	76	
Shore D, 15 Sec, 73°F (23°C), 0.125 In (3.18 Mm), Injection Molded	27	27	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	192 °F	88.9 °C	ASTM D1525

Notes¹ Type I, 2.0 in/min (51 mm/min)**Notes**

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