



Technical Data Sheet

Network Polymers Ldpe 10 2528 EVA

Ethylene Vinyl Acetate Copolymer

LyondellBasell Industries

Engineering Plastics

General

Agency Ratings

- FDA 21 CFR 177.1350

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.951 g/cm ³	0.951 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ¹ (190°C/2.16 Kg)	25 g/10 min	25 g/10 min	ASTM D1238
Vinyl Acetate Content	28.0 wt%	28.0 wt%	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1350 psi	9.31 MPa	ASTM D638
Tensile Elongation (Break)	800 %	800 %	ASTM D638
Flexural Modulus ²	1500 psi	10.3 MPa	ASTM D790B
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Impact Strength			ASTM D1822
-4°F (-20°C)	325 ft·lb/in ²	683 kJ/m ²	
73°F (23°C)	245 ft·lb/in ²	515 kJ/m ²	

Notes

¹ Procedure A

² Method I (3 point load)

Notes

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