

Technical Data Sheet

Network Polymers Ldpe 10 0105

Ethylene Vinyl Acetate Copolymer

LyondellBasell Industries

Engineering Plastics

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.925 g/cm ³	0.925 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ¹ (190°C/2.16 Kg)	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Vinyl Acetate Content	4.6 wt%	4.6 wt%	
Films	Nominal Value (English)	Nominal Value (SI)	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	21200 psi	146 MPa	
1% Secant, TD	24400 psi	169 MPa	
Tensile Strength			ASTM D882
MD : Break	3760 psi	25.9 MPa	
TD : Break	3580 psi	24.7 MPa	
Tensile Elongation			ASTM D882
MD : Break	180 %	180 %	
TD : Break	580 %	580 %	
Dart Drop Impact	190 g	190 g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	200 g	200 g	
TD	90 g	90 g	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	192 °F	88.9 °C	ASTM D1525
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss (45°)	71	71	ASTM D2457
Haze	6.40 %	6.40 %	ASTM D1003

Notes¹ Procedure A**Notes**

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