

Network Polymers LDPE 10 1010 EVA

Ethylene Vinyl Acetate Copolymer

Network Polymers, Inc.

Message:

Network Polymers LDPE 10 1010 EVA is an Ethylene Vinyl Acetate Copolymer (EVA) product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density (Natural)	0.930	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ¹ (190°C/21.6 kg)	10	g/10 min	ASTM D1238
Vinyl Acetate Content	10.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 23°C, 3.18 mm, Injection Molded	95		
Shore D, 23°C, 3.18 mm, Injection Molded	45		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break, 23°C, 3.18 mm, Injection Molded)	12.5	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C, 3.18 mm, Injection Molded)	660	%	ASTM D638
Flexural Modulus - 1% Secant (3.18 mm)	110	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-77.2	°C	ASTM D746
Vicat Softening Temperature	77.2	°C	ASTM D1525
NOTE			
1.	Procedure A		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

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