

Hifax CA1147A

Polyolefin
LyondellBasell Industries

Message:

Hifax CA 1147 A is a thermoplastic polyolefin developed for extrusion processes, particularly for the Wire & Cable industry. Thanks to its high rubber content and structure, the main features are low stiffness, low hardness, combined with a high melting point and a medium fluidity.

General Information			
Features	Good dimensional stability		
	Flexibility at low temperatures		
	Medium liquidity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	28		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	11.0	MPa	ISO 527-2
Tensile Strain (Break)	800	%	ISO 527-2
Flexural Modulus	80.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	57.0	°C	ISO 306/A50
Additional Information			

Tensile Stress at Break, ISO 527, 23°C: >11 MPaTensile Strain at Break, ISO 527: >800%

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