

POLYLAN AG10NP

Acrylonitrile Butadiene Styrene
POLYMA Kunststoff GmbH & Co. KG

Message:
POLYLAN AG10NP is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by extrusion and is available in Europe.

General Information			
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	6.5	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	102		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2450	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield, 23°C)	48.0	MPa	ASTM D638, ISO 527-2
Flexural Strength (23°C)	73.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	450	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	92.0	°C	ASTM D648
1.8 MPa, Unannealed	92.0	°C	ISO 75-2/A
1.8 MPa, Annealed, 12.7 mm	104	°C	ASTM D648
1.8 MPa, Annealed	104	°C	ISO 75-2/A
Vicat Softening Temperature	107	°C	ISO 306/A, ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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