

POLYLAN AG15A1

Acrylonitrile Butadiene Styrene
POLYMA Kunststoff GmbH & Co. KG

Message:

POLYLAN AG15A1 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe.
Characteristics include:
Flame Rated
High Gloss

General Information			
Features	High Gloss		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238, ISO 1133
200°C/10.0 kg	17	g/10 min	
200°C/5.0 kg	1.6	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	110		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2650	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield, 23°C)	50.0	MPa	ASTM D638, ISO 527-2
Flexural Strength (23°C)	84.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	89.0	°C	ASTM D648
1.8 MPa, Unannealed	89.0	°C	ISO 75-2/A
1.8 MPa, Annealed, 12.7 mm	101	°C	ASTM D648
1.8 MPa, Annealed	101	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306/A, ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
NOTE			
1.	Loading 1 (10 N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

