

Adell Polyamide BJ-13

Polyamide 6

Adell Plastics, Inc.

Message:

Adell Polyamide BJ-13 is a Polyamide 6 (Nylon 6) material filled with 13% glass fiber. It is available in North America. Primary attribute of Adell Polyamide BJ-13: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47 to 1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.2	%	ASTM D955
Water Absorption (24 hr)	0.70	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	76		
R-Scale	112		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	86.2	MPa	ASTM D638
Tensile Elongation (Break)	10 to 15	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Compressive Strength	103	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	182	°C	
1.8 MPa, Unannealed	143	°C	
Melting Temperature	216 to 227	°C	ASTM D789
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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

