

# Adell Polyamide AT-13

Polyamide 66

Adell Plastics, Inc.

## Message:

Adell Polyamide AT-13 is a Polyamide 66 (Nylon 66) material filled with 13% glass fiber. It is available in North America.

Important attributes of Adell Polyamide AT-13 are:

Flame Rated

Impact Modified

Typical application of Adell Polyamide AT-13: Automotive

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18 to 1.20	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.60 to 0.90	%	ASTM D955
Water Absorption (24 hr)	0.80	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	84		
R-Scale	119		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	96.5	MPa	ASTM D638
Tensile Elongation (Break)	3.0 to 4.0	%	ASTM D638
Flexural Modulus	4480	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Compressive Strength	124	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	229	°C	
1.8 MPa, Unannealed	221	°C	
Melting Temperature	249 to 260	°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.

## 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

