

Adell Polyamide AS-30

Polyamide 66

Adell Plastics, Inc.

Message:

Adell Polyamide AS-30 is a Polyamide 66 (Nylon 66) material. It is available in North America. Primary attribute of Adell Polyamide AS-30: Flame Rated.
Typical application of Adell Polyamide AS-30: Automotive

General Information			
UL YellowCard	E44974-235697		
Features	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.15	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5 to 1.7	%	ASTM D955
Water Absorption (24 hr)	1.2	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	ASTM D785		
M-Scale	79		
R-Scale	120		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.8	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength	114	MPa	ASTM D790
Compressive Strength	96.5	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load	ASTM D648		
0.45 MPa, Unannealed	193	°C	
1.8 MPa, Unannealed	77.8	°C	
Melting Temperature	254 to 266	°C	ASTM D789
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94

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Recommended distributors for this material

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