

Adell Polyamide BS-10

Polyamide 6

Adell Plastics, Inc.

Message:

Adell Polyamide BS-10 is a polyamide 6 (nylon 6) material. This product is available in North America.
The typical application field of Adell Polyamide BS-10 is: automobile industry

General Information			
UL YellowCard	E44974-235677		
Features	General		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1 - 1.4	%	ASTM D955
Water Absorption (24 hr)	1.8	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
Class m	78		ASTM D785
Class r	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.8	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Compressive Strength	62.1	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	182	°C	ASTM D648
1.8 MPa, not annealed	63.9	°C	ASTM D648
Melting Temperature	216 - 227	°C	
Additional Information			

Specific Gravity, ASTM D792: 1.12 to 1.14

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Recommended distributors for this material

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