

Adell Polyamide AD-10

Polyamide 66

Adell Plastics, Inc.

Message:

Adell Polyamide AD-10 is a polyamide 66 (nylon 66) material. This product is available in North America. The main characteristics of Adell Polyamide AD-10 are: impact resistance.

General Information			
Features	Ultra-high impact resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3 - 1.6	%	ASTM D955
Water Absorption (24 hr)	1.1	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
Class m	64		ASTM D785
Class r	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.4	MPa	ASTM D638
Tensile Elongation (Break)	65	%	ASTM D638
Flexural Modulus	1820	MPa	ASTM D790
Flexural Strength	71.7	MPa	ASTM D790
Compressive Strength	65.5	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	216	°C	ASTM D648
1.8 MPa, not annealed	70.0	°C	ASTM D648
Melting Temperature	249 - 260	°C	
Additional Information			
Specific Gravity, ASTM D792: 1.07 to 1.09			

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Recommended distributors for this material

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