

Adell Polyamide BJ-33 Impact Modified

Polyamide 6

Adell Plastics, Inc.

Message:

Adell Polyamide BJ-33 Impact Modified is a Polyamide 6 (Nylon 6) material. It is available in North America.

Important attributes of Adell Polyamide BJ-33 Impact Modified are:

Impact Modified

Impact Resistant

General Information			
Additive	Impact Modifier		
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07 to 1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1 to 1.4	%	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	72		
R-Scale	114		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.2	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Compressive Strength	55.0	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	177	°C	
1.8 MPa, Unannealed	60.0	°C	
Melting Temperature	210 to 221	°C	ASTM D789

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Recommended distributors for this material

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