

Adell Polyamide BJ-33 Glass Reinforced Mineral Filled

Polyamide 6

Adell Plastics, Inc.

Message:

Adell Polyamide BJ-33 Glass Reinforced Mineral Filled is a Polyamide 6 (Nylon 6) material filled with glass fiber and mineral. It is available in North America.

General Information			
Filler / Reinforcement		Glass Fiber	
		Mineral	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46 to 1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.70	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	76		
R-Scale	112		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	137	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 3.0	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Compressive Strength	103	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	216	°C	
1.8 MPa, Unannealed	204	°C	
Melting Temperature	216 to 227	°C	ASTM D789

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Recommended distributors for this material

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

