

Adell Polyamide AR-33

Polyamide 66

Adell Plastics, Inc.

Message:

Adell Polyamide AR-33 is a polyamide 66 (nylon 66) material, which contains a 13% glass fiber reinforced material. This product is available in North America.

The typical application field of Adell Polyamide AR-33 is: automobile industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 - 0.70	%	ASTM D955
Water Absorption (24 hr)	1.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
Class m	95		ASTM D785
Class r	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	107	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Compressive Strength	179	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	238	°C	ASTM D648
1.8 MPa, not annealed	227	°C	ASTM D648
Melting Temperature	254 - 271	°C	
Additional Information			
Elongation at Break, ASTM D638: 3 to 4%Specific Gravity, ASTM D792: 1.22 to 1.24			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

