

Adell PP EA-18

Polypropylene Homopolymer

Adell Plastics, Inc.

Message:

Adell PP EA-18 is a polypropylene homopolymer (PP Homopoly) material, which contains 40% talc filler. This product is available in North America. The main characteristics of Adell PP EA-18 are: homopolymer.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Homopolymer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 - 1.0	%	ASTM D955
Water Absorption (24 hr)	0.040	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
Class m	70		ASTM D785
Class r	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.7	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3310	MPa	ASTM D790
Flexural Strength	51.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	24	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	270	J/m	ASTM D256
Dart Drop Impact	0.565	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	132	°C	ASTM D648
1.8 MPa, not annealed	79.4	°C	ASTM D648
Melting Temperature	171 - 193	°C	
Additional Information			
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

