

Adell PP RQ-18

Polypropylene Copolymer

Adell Plastics, Inc.

Message:

Adell PP RQ-18 is a Polypropylene Copolymer (PP Copolymer) material filled with 40% mica. It is available in North America.

Important attributes of Adell PP RQ-18 are:

Flame Rated

Copolymer

General Information			
Filler / Reinforcement	Mica,40% Filler by Weight		
Features	Copolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23 to 1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D955
Water Absorption (24 hr)	0.040	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	70		
R-Scale	100		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	26.2	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 4.0	%	ASTM D638
Flexural Modulus	4070	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	210	J/m	ASTM D256
Gardner Impact	1.13	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	141	°C	
1.8 MPa, Unannealed	90.6	°C	
Melting Temperature	149 to 171	°C	ASTM D789
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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

