

Adell PP EQ-14

Polypropylene Homopolymer

Adell Plastics, Inc.

Message:

Adell PP EQ-14 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% mica. It is available in North America. Primary attribute of Adell PP EQ-14: Homopolymer.

General Information			
Filler / Reinforcement	Mica,20% Filler by Weight		
Features	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03 to 1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Water Absorption (24 hr)	0.60 to 1.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	62		
R-Scale	90		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	35.2	MPa	ASTM D638
Tensile Elongation (Break)	5.0 to 7.0	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	50.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	2700	J/m	ASTM D256
Gardner Impact	0.565	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	127	°C	
1.8 MPa, Unannealed	79.4	°C	
Melting Temperature	171 to 193	°C	ASTM D789

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Recommended distributors for this material

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