

Adell PP EQ-16

Polypropylene Homopolymer

Adell Plastics, Inc.

Message:

Adell PP EQ-16 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 30% mica. It is available in North America. Primary attribute of Adell PP EQ-16: Homopolymer.

General Information			
Filler / Reinforcement	Mica,30% Filler by Weight		
Features	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12 to 1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.90	%	ASTM D955
Water Absorption (24 hr)	0.50 to 0.90	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	68		
R-Scale	98		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	33.8	MPa	ASTM D638
Tensile Elongation (Break)	3.0 to 5.0	%	ASTM D638
Flexural Modulus	4000	MPa	ASTM D790
Flexural Strength	51.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	29	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	240	J/m	ASTM D256
Gardner Impact	0.452	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	133	°C	
1.8 MPa, Unannealed	93.3	°C	
Melting Temperature	171 to 193	°C	ASTM D789

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Recommended distributors for this material

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