

Adell PP EH-16

Polypropylene
Adell Plastics, Inc.

Message:

Adell PP EH-16 is a Polypropylene material filled with 30% mineral. It is available in North America.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.2	%	ASTM D955
Water Absorption (24 hr)	0.040	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	60		
R-Scale	88		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.3	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength (Yield)	43.4	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)	480	J/m	ASTM D256
Gardner Impact	1.58	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	113	°C	
1.8 MPa, Unannealed	71.1	°C	
Melting Temperature	171 to 193	°C	

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Recommended distributors for this material

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