

Adell PP EH-18

Polypropylene

Adell Plastics, Inc.

Message:

Adell PP EH-18 is a Polypropylene material filled with 40% mineral. It is available in North America.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Water Absorption (24 hr)	0.040	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	63		
R-Scale	91		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength (Yield)	46.9	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)	430	J/m	ASTM D256
Gardner Impact	1.36	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	118	°C	
1.8 MPa, Unannealed	73.9	°C	
Melting Temperature	171 to 193	°C	

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Recommended distributors for this material

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