

# Adell PP R-19

Polypropylene Homopolymer

Adell Plastics, Inc.

## Message:

Adell PP R-19 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 43% glass fiber. It is available in North America. Primary attribute of Adell PP R-19: Good Stiffness.

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Features	Good Stiffness		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	8960	MPa	ASTM D790
Flexural Strength	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	64	J/m	
23°C	100	J/m	
Unnotched Izod Impact			ASTM D256
-40°C	370	J/m	
23°C	450	J/m	
Gardner Impact	0.791	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	175	°C	ASTM D648

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Recommended distributors for this material

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