

Adell Polyolefin ZS-10

Polyolefin

Adell Plastics, Inc.

Message:

Adell Polyolefin ZS-10 is a Polyolefin material. It is available in North America.

General Information			
Features	General Purpose		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.7 to 1.9	%	ASTM D955
Water Absorption (24 hr)	0.60	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			ASTM D785
M-Scale	70		
R-Scale	112		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	51.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Compressive Strength	45.5	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	160	°C	
1.8 MPa, Unannealed	48.9	°C	
Melting Temperature	210 to 221	°C	

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Recommended distributors for this material

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