

Adell PC YS-10

Polycarbonate Alloy
Adell Plastics, Inc.

Message:
Adell PC YS-10 is a Polycarbonate Alloy (PC Alloy) material. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Water Absorption (24 hr)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	70		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	2170	MPa	ASTM D790
Flexural Strength	77.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	138	°C	
1.8 MPa, Unannealed	123	°C	

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Recommended distributors for this material

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