

ACCULOY™ PCA083L

Polycarbonate + ABS
ACLO Compounders Inc.

Message:

ACCULOY™ PCA083L is a Polycarbonate + ABS (PC+ABS) product. It is available in North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
230°C/3.8 kg	5.0	g/10 min	
250°C/5.0 kg	17	g/10 min	
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	53.0	MPa	
Break	42.0	MPa	
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	33	%	
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	81.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	580	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	106	°C	
1.8 MPa, Unannealed	87.0	°C	

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