

ACCUCOMP™ POL050L

Polycarbonate
ACLO Compounders Inc.

Message:

ACCUCOMP™ POL050L is a Polycarbonate (PC) product. It is available in North America. Primary characteristic: low viscosity.

General Information			
Features	Low Viscosity		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	123		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	64.0	MPa	
Break	62.0	MPa	
Tensile Elongation			ASTM D638
Yield	45	%	
Break	130	%	
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	820	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	136	°C	
1.8 MPa, Unannealed	120	°C	

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