

ACCUCOMP™ POL051L

Polycarbonate
ACLO Compounders Inc.

Message:
ACCUCOMP™ POL051L is a Polycarbonate (PC) product. It is available in North America. Primary characteristic: medium viscosity.

General Information			
Features	Medium 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)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	70.0	MPa	
Break	70.0	MPa	
Tensile Elongation			ASTM D638
Yield	110	%	
Break	150	%	
Flexural Modulus	2700	MPa	ASTM D790
Flexural Strength	98.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	900	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	140	°C	
1.8 MPa, Unannealed	122	°C	

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