

ACCUCOMP™ LD0102L

Low Density Polyethylene
ACLO Compounders Inc.

Message:

ACCUCOMP™ LD0102L is a Low Density Polyethylene product. It is available in North America.

General Information			
Features	Low Density		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	46		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	297	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	14.0	MPa	
Break	14.0	MPa	
Tensile Elongation			ASTM D638
Yield	400	%	
Break	500	%	
Flexural Modulus	300	MPa	ASTM D790
Flexural Strength	9.00	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	43.0	°C	ASTM D648

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