

ACCUCOMP™ HD0205L

High Density Polyethylene
ACLO Compounders Inc.

Message:

ACCUCOMP™ HD0205L is a High Density Polyethylene product. It is available in North America.

General Information			
Features	High Density		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	52		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	27.0	MPa	
Break	11.0	MPa	
Tensile Elongation			ASTM D638
Yield	10	%	
Break	300	%	
Flexural Modulus	800	MPa	ASTM D790
Flexural Strength	22.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	52	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	47.0	°C	
1.8 MPa, Unannealed	69.0	°C	

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Recommended distributors for this material

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