

ACCUTECH™ HD0234G40UVL

High Density Polyethylene
ACLO Compounders Inc.

Message:

ACCUTECH™ HD0234G40UVL is a High Density Polyethylene product filled with 40% glass fiber. It is available in North America.
Characteristics include:
Good UV Resistance
UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20	%	ASTM D955
Ash Content	40	%	ASTM D2584
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	52		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4400	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	47.0	MPa	
Break	50.0	MPa	
Tensile Elongation			ASTM D638
Yield	2.0	%	
Break	4.0	%	
Flexural Modulus	4300	MPa	ASTM D790
Flexural Strength	55.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	129	°C	
1.8 MPa, Unannealed	118	°C	

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