

# ACCUTECH™ HD0234G10UVL

High Density Polyethylene  
ACLO Compounders Inc.

Message:

ACCUTECH™ HD0234G10UVL is a High Density Polyethylene product filled with 10% glass fiber. It is available in North America.  
Characteristics include:  
Good UV Resistance  
UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Density		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Ash Content	10	%	ASTM D2584

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	50		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2050	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	30.0	MPa	
Break	11.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	170	%	
Flexural Modulus	1700	MPa	ASTM D790
Flexural Strength	29.0	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	119	°C	
1.8 MPa, Unannealed	75.0	°C	

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Recommended distributors for this material

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