

ACCUTECH™ HP0336G20C002L

Polypropylene Homopolymer

ACLO Compounders Inc.

Message:

ACCUTECH™HP0336G20C002L is a polypropylene homopolymer (PP Homopoly) product, and its filler is 20% glass fiber reinforced material. It is available in North America. Typical application areas are: water pipes/pipes/drinking water.

Features include:

flame retardant/rated flame

Chemical coupling

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Chemical coupling		
Agency Ratings	NSF 61		
UL File Number	E99379		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	52.0	MPa	ASTM D638
Fracture	50.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	6.0	%	ASTM D638
Flexural Modulus	3700	MPa	ASTM D790
Flexural Strength	72.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	152	°C	ASTM D648
1.8 MPa, not annealed	132	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
Additional Information			

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Recommended distributors for this material

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