

# ACCUTECH™ HP0336G25C002L

Polypropylene Homopolymer  
ACLO Compounders Inc.

Message:

ACCUTECH™HP0336G25C002L is a polypropylene homopolymer (PP Homopoly) product, and its filler is 25% glass fiber reinforced material. It is available in North America. Typical application areas are: water pipes/pipes/drinking water. The main characteristics are: chemical coupling.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Chemical coupling		
Agency Ratings	NSF 61		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	66.0	MPa	ASTM D638
Fracture	66.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	5.0	%	ASTM D638
Flexural Modulus	4700	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	156	°C	ASTM D648
1.8 MPa, not annealed	135	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 25%

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

