

ACCUTECH™ HP0335G30CV

Polypropylene Homopolymer

ACLO Compounders Inc.

Message:

ACCUTECH™HP0335G30CV is a polypropylene homopolymer (PP Homopoly) product, and its filler is 30% glass fiber reinforced material. It is available in North America. Typical application areas are: automotive industry.

Features include:

Chemical coupling

Impact resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Chemical coupling		
	Impact resistance, high		
Uses	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ASTM D638
Tensile Strength (Yield)	77.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	4700	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	155	°C	ASTM D648
1.8 MPa, not annealed	140	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 27 to 33%

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