

ACCUTECH™ HP0336G25M5CL

Polypropylene Homopolymer

ACLO Compounders Inc.

Message:

ACCUTECH™HP0336G25M5CL is a polypropylene homopolymer (PP Homopoly) product, which contains 25% glass fiber reinforced materials and 5.0% mineral fillers. It is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
	Mineral filler, 5.0% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	63.0	MPa	ASTM D638
Fracture	63.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	6.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Flexural Strength	94.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	60	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	136	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 30%

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