

ACCUTECH™ CP0437G25M5CL

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437G25M5CL is a polypropylene copolymer (PP Copoly) 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/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	42.0	MPa	ASTM D638
Fracture	40.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	9.0	%	ASTM D638
Flexural Modulus	3500	MPa	ASTM D790
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	153	°C	ASTM D648
1.8 MPa, not annealed	126	°C	ASTM D648
Additional Information			
Ash Content, ASTM D2584: 30%			

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