

# ACCUTECH™ CP0437G5M25CL

Polypropylene Copolymer

ACLO Compounders Inc.

Message:

ACCUTECH™CP0437G5M25CL is a polypropylene copolymer (PP Copoly) product, which contains 5.0% glass fiber reinforced materials and 25% mineral fillers. It is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 5.0% filler by weight		
	Mineral filler, 25% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	53		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	22.0	MPa	ASTM D638
Fracture	20.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	6.0	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	95	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	133	°C	ASTM D648
1.8 MPa, not annealed	78.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 30%

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