

ACCUTECH™ CP0437C10L

Polypropylene Copolymer

ACLO Compounders Inc.

Message:

ACCUTECH™CP0437C10L is a polypropylene copolymer (PP Copoly) product, which contains a 10% calcium carbonate filler. It is available in North America.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 10% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	53		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	15.0	MPa	ASTM D638
Fracture	12.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	120	%	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Flexural Strength	16.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	72.0	°C	ASTM D648
1.8 MPa, not annealed	45.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 10%

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