

ACCUTECH™ CP0437C20L1

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437C20L1 is a polypropylene copolymer (PP Copoly) product, which contains a 20% calcium carbonate filler. It is available in North America.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	55		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	15.0	MPa	ASTM D638
Fracture	12.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	60	%	ASTM D638
Flexural Modulus	800	MPa	ASTM D790
Flexural Strength	17.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	620	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	70.0	°C	ASTM D648
1.8 MPa, not annealed	47.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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