

ACCUTECH™ CP0437C40L1

Polypropylene Copolymer

ACLO Compounders Inc.

Message:

ACCUTECH™CP0437C40L1 is a polypropylene copolymer (PP Copoly) product, which contains a 40% calcium carbonate filler. It is available in North America.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	45		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	13.0	MPa	ASTM D638
Fracture	12.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	20	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Flexural Strength	17.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	78.0	°C	ASTM D648
1.8 MPa, not annealed	51.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 39%

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