

ACCUTECH™ CP0436C40L1

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0436C40L1 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	1.20	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	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	58		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	18.0	MPa	ASTM D638
Fracture	15.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	35	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Flexural Strength	25.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	54.0	°C	ASTM D648
1.8 MPa, not annealed	94.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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