

ACCUTECH™ CP0436M40CL

Polypropylene Copolymer

ACLO Compounders Inc.

Message:

ACCUTECH™CP0436M40CL is a polypropylene copolymer (PP Copoly) product, which contains 40% mica filler. It is available in North America.

General Information			
Filler / Reinforcement	Mica filler, 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	42		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3400	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	22.0	MPa	ASTM D638
Fracture	21.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	5.0	%	ASTM D638
Flexural Modulus	4400	MPa	ASTM D790
Flexural Strength	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	55	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	123	°C	ASTM D648
1.8 MPa, not annealed	73.0	°C	ASTM D648
Additional Information			
Ash Content, ASTM D2584: 40%			

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