

ACCUTECH™ CP0437M30L

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437M30L is a polypropylene copolymer (PP Copoly) product, which contains 30% mica filler. It is available in North America.

General Information			
Filler / Reinforcement	Mica filler, 30% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	39		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	15.0	MPa	ASTM D638
Fracture	14.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	10	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	21.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	97.0	°C	ASTM D648
1.8 MPa, not annealed	58.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 30%

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