

ACCUTECH™ CP0437M40CL

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437M40CL is a polypropylene copolymer (PP Copoly) product, which contains 40% mica filler. It is available in North America. The main characteristics are: chemical coupling.

General Information			
Filler / Reinforcement	Mica filler, 40% filler by weight		
Features	Chemical coupling		
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)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	36		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	19.0	MPa	ASTM D638
Fracture	18.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	3.0	%	ASTM D638
Flexural Modulus	3800	MPa	ASTM D790
Flexural Strength	26.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	117	°C	ASTM D648
1.8 MPa, not annealed	68.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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