

# ACCUTECH™ CP0437M20CL

Polypropylene Copolymer  
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437M20CL is a polypropylene copolymer (PP Copoly) product, which contains 20% mica filler. It is available in North America. The main characteristics are: chemical coupling.

General Information			
Filler / Reinforcement	Mica filler, 20% filler by weight		
Features	Chemical coupling		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	45		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	17.0	MPa	ASTM D638
Fracture	15.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	10	%	ASTM D638
Flexural Modulus	1700	MPa	ASTM D790
Flexural Strength	22.0	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	103	°C	ASTM D648
1.8 MPa, not annealed	55.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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