

ACCUTECH™ CP0437W40L1

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0437W40L1 is a polypropylene copolymer (PP Copoly) product, which contains a filler of 40% wollastonite (casio3). It is available in North America.

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3), 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	43		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	17.0	MPa	ASTM D638
Fracture	14.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	13	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	20.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	102	°C	ASTM D648
1.8 MPa, not annealed	61.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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