

ACCUTECH™ CP0436T40L

Polypropylene Copolymer
ACLO Compounders Inc.

Message:

ACCUTECH™CP0436T40L is a polypropylene copolymer (PP Copoly) product, which contains 40% talc filler. It is available in North America.

General Information			
Filler / Reinforcement	Talc 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)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	51		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	20.0	MPa	ASTM D638
Fracture	17.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	15	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength	29.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	52	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	114	°C	ASTM D648
1.8 MPa, not annealed	61.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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