

ACCUTECH™ HP0336T40002L

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0336T40002L is a polypropylene homopolymer (PP Homopoly) product, which contains 40% talc filler. It is available in North America. Typical application areas are: water pipes/pipes/drinking water.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Agency Ratings	NSF 61		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	30.0	MPa	ASTM D638
Fracture	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	12	%	ASTM D638
Flexural Modulus	3700	MPa	ASTM D790
Flexural Strength	42.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	128	°C	ASTM D648
1.8 MPa, not annealed	75.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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