

ACCUTECH™ HP0334M40CL

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0334M40CL is a polypropylene homopolymer (PP Homopoly) 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	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	35		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	31.0	MPa	ASTM D638
Fracture	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	6.0	%	ASTM D638
Flexural Modulus	5600	MPa	ASTM D790
Flexural Strength	44.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	130	°C	ASTM D648
1.8 MPa, not annealed	80.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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