

ACCUTECH™ HP0334W40L

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0334W40L is a polypropylene homopolymer (PP Homopoly) product containing 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	1.25	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	78		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3600	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	31.0	MPa	ASTM D638
Fracture	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	12	%	ASTM D638
Flexural Modulus	4000	MPa	ASTM D790
Flexural Strength	42.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	125	°C	ASTM D648
1.8 MPa, not annealed	83.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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