

ACCUTECH™ HP0339W20L1

Polypropylene Homopolymer

ACLO Compounders Inc.

Message:

ACCUTECH™HP0339W20L1 is a polypropylene homopolymer (PP Homopoly) product containing 20% wollastonite (casio3). It is available in North America.

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3), 20% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.0	MPa	ASTM D638
Fracture	26.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	ASTM D638
Fracture	19	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	120	°C	ASTM D648
1.8 MPa, not annealed	68.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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