

ACCUTECH™ HP0334W20L1

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0334W20L1 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)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.0	MPa	ASTM D638
Fracture	23.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	ASTM D638
Fracture	22	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	48.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	112	°C	ASTM D648
1.8 MPa, not annealed	64.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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