

ACCUTECH™ HP0339W10L

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0339W10L is a polypropylene homopolymer (PP Homopoly) product containing 10% wollastonite (casio3). It is available in North America.

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3), 10% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.0	MPa	ASTM D638
Fracture	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	7.0	%	ASTM D638
Fracture	20	%	ASTM D638
Flexural Modulus	1900	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	106	°C	ASTM D648
1.8 MPa, not annealed	61.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 10%

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