

ACCUTECH™ HP0336W40L1

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0336W40L1 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	1.23	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	68		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3600	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	32.0	MPa	ASTM D638
Fracture	25.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	15	%	ASTM D638
Flexural Modulus	4300	MPa	ASTM D790
Flexural Strength	44.0	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	130	°C	ASTM D648
1.8 MPa, not annealed	82.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

