

ACCUTECH™ HP0334C40L1

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0334C40L1 is a polypropylene homopolymer (PP Homopoly) product, and its filler is 40% calcium carbonate filler. It is available in North America.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	77		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	26.0	MPa	ASTM D638
Fracture	15.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	40	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength	36.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	55	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	110	°C	ASTM D648
1.8 MPa, not annealed	60.0	°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

