

ACCUTECH™ HP0334M20CL

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0334M20CL is a polypropylene homopolymer (PP Homopoly) product, which contains 20% mica filler. It is available in North America. The main characteristics are: chemical coupling.

General Information			
Filler / Reinforcement	Mica filler, 20% filler by weight		
Features	Chemical coupling		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	65		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	35.0	MPa	ASTM D638
Fracture	26.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	ASTM D638
Fracture	17	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	43.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	113	°C	ASTM D648
1.8 MPa, not annealed	65.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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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

