

ACCUTECH™ HP0335T40V

Polypropylene Homopolymer

ACLO Compounders Inc.

Message:

ACCUTECH™HP0335T40V is a polypropylene homopolymer (PP Homopoly) product, which contains 40% talc filler. It is available in North America. Typical application areas are: automotive industry.

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Uses	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ASTM D638
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3600	MPa	ASTM D790
Flexural Strength	50.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	22	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	124	°C	ASTM D648
1.8 MPa, not annealed	78.0	°C	ASTM D648
Additional Information			
Ash Content, ASTM D2584: 39 to 45%			

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