

ACCUTECH™ CP0435G43CV

Polypropylene Copolymer

ACLO Compounders Inc.

Message:

ACCUTECH™CP0435G43CV is a polypropylene copolymer (PP Copoly) product, which contains a 43% glass fiber reinforced material. It is available in North America. Typical application areas are: automotive industry. The main characteristics are: chemical coupling.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 43% filler by weight		
Features	Chemical coupling		
Uses	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	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	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5000	MPa	ASTM D638
Tensile Strength (Yield)	66.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	6500	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	260	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	162	°C	ASTM D648
1.8 MPa, not annealed	142	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 41 to 45%

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Recommended distributors for this material

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