

# ACCUTECH™ CP0435G20HV

Polypropylene Copolymer  
ACLO Compounders Inc.

Message:

ACCUTECH™CP0435G20HV is a polypropylene copolymer (PP Copoly) product, which contains a 20% glass fiber reinforced material. It is available in North America. Typical application areas are: automotive industry. The main characteristics are: impact resistance.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Impact resistance, high		
Uses	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ASTM D638
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	155	°C	ASTM D648
1.8 MPa, not annealed	140	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 18 to 22%

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Recommended distributors for this material

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