

Technical Data Sheet

Accutech CP0435G43CV

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 43% Filler by Weight		
Features	• Chemically Coupled		
Uses	• Automotive Applications		
Automotive Specifications	• GM GMP.PP.039 Color: Black • GM GMP.PP.039 Color: Natural		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.25	1.25 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	725000 psi	5000 MPa	ASTM D638
Tensile Strength (Yield)	9570 psi	66.0 MPa	ASTM D638
Tensile Elongation (Break)	10 %	10 %	ASTM D638
Flexural Modulus	943000 psi	6500 MPa	ASTM D790
Flexural Strength	11600 psi	80.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	4.9 ft·lb/in	260 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	110	110	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	324 °F	162 °C	
264 Psi (1.8 Mpa), Unannealed	288 °F	142 °C	
Additional Information			
Ash Content, ASTM D2584: 41 to 45%			

Notes

These are typical property values not to be construed as specification limits.