

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 <sup>3</sup>	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.