

Technical Data Sheet

Accutech CP0435G20CV

Polypropylene Copolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled
Uses	• Automotive Applications
Automotive Specifications	• GM GMP.PP.029 Color: Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	319000 psi	2200 MPa	ASTM D638
Tensile Strength (Yield)	6670 psi	46.0 MPa	ASTM D638
Tensile Elongation (Break)	15 %	15 %	ASTM D638
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	8700 psi	60.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	4.3 ft·lb/in	230 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	100	100	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	302 °F	150 °C	
264 Psi (1.8 Mpa), Unannealed	239 °F	115 °C	

Additional Information
Ash Content, ASTM D2584: 18 to 22%

Notes

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