

Technical Data Sheet

Accutech HD0232G20CV

High Density Polyethylene
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled
Uses	• Automotive Applications
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.08	1.08 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	0.20 g/10 min	0.20 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	363000 psi	2500 MPa	ASTM D638
Tensile Strength (Yield)	5510 psi	38.0 MPa	ASTM D638
Tensile Elongation (Break)	5.0 %	5.0 %	ASTM D638
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	4930 psi	34.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.0 ft·lb/in	110 J/m	ASTM D256
Unnotched Izod Impact	8.1 ft·lb/in	430 J/m	ASTM D4812

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	75	75	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	257 °F	125 °C	
264 Psi (1.8 Mpa), Unannealed	203 °F	95.0 °C	

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

Notes

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