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/cm³	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.