

Technical Data Sheet

Accutech HP0336G20C002L

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight		
Features	• Chemically Coupled		
Agency Ratings	• NSF STD-61		
UL File Number	• E99379		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.03	1.03 g/cm³	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	421000 psi	2900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	7540 psi	52.0 MPa	
Break	7250 psi	50.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	6.0 %	6.0 %	
Flexural Modulus	537000 psi	3700 MPa	ASTM D790
Flexural Strength	10400 psi	72.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.82 ft·lb/in	44 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	96	96	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	306 °F	152 °C	
264 Psi (1.8 Mpa), Unannealed	270 °F	132 °C	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm))	HB	HB	UL 94

Additional Information

Ash Content, ASTM D2584: 20%

Notes

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