

Technical Data Sheet

Accutech HP0336C40L

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General

- | | |
|------------------------|---|
| Filler / Reinforcement | • Calcium Carbonate, 40% Filler by Weight |
| Forms | • Pellets |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
----------	-------------------------	--------------------	-------------

Density / Specific Gravity	1.21	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
------------	-------------------------	--------------------	-------------

Tensile Modulus	348000 psi	2400 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3770 psi	26.0 MPa	
Break	2470 psi	17.0 MPa	
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	40 %	40 %	
Flexural Modulus	319000 psi	2200 MPa	ASTM D790
Flexural Strength	5080 psi	35.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
--------	-------------------------	--------------------	-------------

Notched Izod Impact	0.75 ft·lb/in	40 J/m	ASTM D256
---------------------	---------------	--------	-----------

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
----------	-------------------------	--------------------	-------------

Rockwell Hardness (R-scale)	86	86	ASTM D785
-----------------------------	----	----	-----------

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
---------	-------------------------	--------------------	-------------

Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	230 °F	110 °C	
264 Psi (1.8 Mpa), Unannealed	144 °F	62.0 °C	

Additional Information

Ash Content, ASTM D2584: 40%

Notes

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