

ACCUCOMP™ HD0200L

High Density Polyethylene
LyondellBasell Industries

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Technical Data

Product Description

ACCUCOMP™ HD0200L is a High Density Polyethylene product. It is available in North America.

General

Material Status	<ul style="list-style-type: none">Commercial: Active
Literature ¹	<ul style="list-style-type: none">Processing - Mold Shrink (English)Technical Datasheet
Search for UL Yellow Card	<ul style="list-style-type: none">LyondellBasell Industries
Availability	<ul style="list-style-type: none">North America
Features	<ul style="list-style-type: none">High Density
Forms	<ul style="list-style-type: none">Pellets

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	0.948 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50 g/10 min	ASTM D1238
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	950 MPa	ASTM D638
Tensile Strength		ASTM D638
Yield	26.0 MPa	
Break	15.0 MPa	
Tensile Elongation		ASTM D638
Yield	44 %	
Break	350 %	
Flexural Modulus	800 MPa	ASTM D790
Flexural Strength	21.0 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact	No Break	ASTM D256
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	33	ASTM D785
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		ASTM D648
0.45 MPa, Unannealed	62.0 °C	
1.8 MPa, Unannealed	43.0 °C	

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

