

SHELL POLYMERS

MAKING THE EXPERIENCE MATTER

HDPE (HIGH-DENSITY POLYETHYLENE)

Known for its high impact resistance and ductility, high-density polyethylene (HDPE) is a great option when plastic converters need a durable final product that is also abrasion- and chemical-resistant. No matter the conversion process, the HDPE used has to withstand high temperatures and successfully run on converter lines. At Shell Polymers, we take quality assurance and supply reliability seriously to help ensure our polymers exceed converter expectations

In the tables below, select "View Document" to check out more product details.

Conversion Processes	Blow Molding		
Blow Molding	Product	Melt Index/Density	Document
Pipe Extrusion Sheet Extrusion Injection Molding	Shell Polymers HDPE 46B035	0.35/0.946	<u>View Document (PDF, XX kB)</u>
	Shell Polymers HDPE 46BG6HLU	6.0/0.946	<u>View Document (PDF, XX kB)</u>
	Shell Polymers HDPE 49B10HL	10.0/0.949	<u>View Document (PDF, XX kB)</u>
HDPE Customers	Shell Polymers HDPE 54BG6HL	5.5/0.954	<u>View Document (PDF, XX kB)</u>
Agriculture	Shell Polymers HDPE 55B035	0.35/0.955	<u>View Document (PDF, XX kB)</u>
Automotive Food & Beverage	Shell Polymers HDPE 55B035A	0.35/0.955	<u>View Document (PDF, XX kB)</u>
Healthcare	Shell Polymers HDPE 63B072	0.72/0.963	<u>View Document (PDF, XX kB)</u>
Household Industrial			
Outdoor Living	Pipe Extrusion		
Personal Care	Product	Melt Index/Density	Document
Toys Utilities	Shell Polymers MDPE 39P02U	0.20/0.939	<u>View Document (PDF, XX kB)</u>
	Shell Polymers HDPE 46P21HL	21.0/0.946	<u>View Document (PDF, XX kB)</u>

Shell Polymers HDPE 49P9HL

Notes

Typical properties only. Not to be construed as specifications. Users should confirm results by performing their own tests.

Shell Polymers HDPE 49P024	0.24, 7.0/0.949	<u>View Document (PDF, XX kB)</u>
Shell Polymers HDPE 51P9HL	9.0/0.951	<u>View Document (PDF, XX kB)</u>

8.5/0.949

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For more information email us at polymers@shell.com

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