



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
Pipe Extrusion
Sheet Extrusion
Injection Molding

HDPE Customers

Agriculture
Automotive
Food & Beverage
Healthcare
Household
Industrial
Outdoor Living
Personal Care
Toys
Utilities

Notes

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

Blow Molding

Product	Melt Index/Density	Document
Shell Polymers HDPE 46B035	0.35/0.946	View Document (PDF, XX kB)
Shell Polymers HDPE 46BG6HLU	6.0/0.946	View Document (PDF, XX kB)
Shell Polymers HDPE 49B10HL	10.0/0.949	View Document (PDF, XX kB)
Shell Polymers HDPE 54BG6HL	5.5/0.954	View Document (PDF, XX kB)
Shell Polymers HDPE 55B035	0.35/0.955	View Document (PDF, XX kB)
Shell Polymers HDPE 55B035A	0.35/0.955	View Document (PDF, XX kB)
Shell Polymers HDPE 63B072	0.72/0.963	View Document (PDF, XX kB)

Pipe Extrusion

Product	Melt Index/Density	Document
Shell Polymers MDPE 39P02U	0.20/0.939	View Document (PDF, XX kB)
Shell Polymers HDPE 46P21HL	21.0/0.946	View Document (PDF, XX kB)
Shell Polymers HDPE 49P9HL	8.5/0.949	View Document (PDF, XX kB)
Shell Polymers HDPE 49P024	0.24, 7.0/0.949	View Document (PDF, XX kB)
Shell Polymers HDPE 51P9HL	9.0/0.951	View Document (PDF, XX kB)