



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

Sheet Extrusion

Product	Melt Index/Density	Document
Shell Polymers HDPE 55B035S	0.35/0.955	View Document (PDF, XX kB)
Shell Polymers HDPE 63B072S	0.72/0.963	View Document (PDF, XX kB)

HDPE Customers

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

Injection Molding

Product	Melt Index/Density	Document
Shell Polymers HDPE 48N5	5.0/0.948	View Document (PDF, XX kB)
Shell Polymers HDPE 52N10	10.0/0.952	View Document (PDF, XX kB)
Shell Polymers HDPE 52N7	6.5/0.952	View Document (PDF, XX kB)
Shell Polymers HDPE 54N20	20.0/0.954	View Document (PDF, XX kB)
Shell Polymers HDPE 65N8	8.2/0.965	View Document (PDF, XX kB)
Shell Polymers HDPE 65N8U	8.2/0.965	View Document (PDF, XX kB)

Notes

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