



55B035- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 55B035 is a high molecular weight, ethylene-hexene copolymer exhibiting the characteristics of excellent stiffness to ESCR ratio, good impact resistance and durability.

Product Family

HDPE

Conversion Process

Blow Molding

Highlights

- Designed for extrusion blow molding
- Suitable for use in oil bottles, household and industrial chemical containers, and personal care product containers
- Slurry loop technology

Additives

Thermal stabilizer



Delivering High-Quality Product

The polymer science laboratories test specimens made in the application hall and perform in-depth studies that characterize the mechanical, processing and visual properties of a polymer, including its flow behavior. These tests confirm that our products satisfy the requirements or specifications of that grade.



Strategic Transportation Options

As a customer benefit, we have multiple transportation options when you need them—with the ability to move from rail to truck. In fact, our rapid deployment truck loading operation enables trucks to be loaded in 20 minutes and prepared for shipment in a couple hours directly from our site.



Reducing Downtime

The equipment in our application hall has advanced features to help you better understand our resins' performance and make correlations with your processing equipment. This will allow for more efficient qualification in your production lines, reducing downtime.

Product Details

Melt Index	Method	Test Conditions
0.35	ASTM D1238 (g/10min)	2.16 kg/190C

Density	Method
0.955	ASTM D792 (g/cm3)