



46B035- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 46B035 is a high molecular weight, ethylene-hexene copolymer exhibiting the characteristics of high ESCR, good impact resistance and durability.

Product Family

HDPE



Technical Expertise

From analytical chemists to polymer scientists and technical experts, our innovation center is home to industry pioneers who can collaborate with you to move your business forward.

Conversion Process

Blow Molding



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 15–20 minutes and prepared for shipment in under an hour directly from our site.

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



State-of-the-Art Blow Molding Equipment

Our application hall has two commercial-scale blow molding machines that are used to make specimens and parts similar to our customers'—which means you can avoid downtime by using our lines to conduct back-to-back trials.

Product Details

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

Density	Method
0.946	ASTM D792 (g/cm3)