



# 54BG6HL- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 54BG6HL is an extra high molecular weight, ethylene-hexene copolymer exhibiting the characteristics of outstanding impact and creep resistance, ESCR, chemical resistance, and durability.

## Product Family

HDPE

## Conversion Process

Blow Molding

## Highlights

- Designed for extrusion blow molding
- Suitable for use in 55-gallon drums and industrial tanks
- Gas phase technology



### Ensuring Lot-to-Lot Consistency

As a customer benefit, we have multiple transportation options when you need them—with the ability to move from rail to truck quickly. 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.



### 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.



### 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

High Load Melt Index (HLMI)	Method	Test Conditions
5.5	ASTM D1238 (g/10min)	21.6 kg/190C
Density	Method	
0.954	ASTM D792 (g/cm3)	