



# 46BG6HLU- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 46BG6HLU is an extra high molecular weight, ethylene-hexene copolymer exhibiting the characteristics of outstanding impact resistance, ESCR, processability, UV stabilization and durability.

## Product Family

HDPE

## Conversion Process

Blow Molding

## Highlights

- Designed for extrusion blow molding
- Suitable for use in intermediate bulk containers and agricultural containers
- Gas phase technology

## Additives

UV 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.



### Convenient Pennsylvania Location

Our accessible Pennsylvania location is within 700 miles of most North American polyethylene buyers, so small- to large-sized converters like you can travel to our plant, collaborate with our team and get home the same day.



### 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
6.0	ASTM D1238 (g/10min)	21.6 kg/190C

Density	Method
0.946	ASTM D792 (g/cm3)