



65N8- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 65N8 is a homopolymer that provides excellent stiffness, low warpage, and easy processability. This grade is ideal for the production of cases, crates, totes, bins, and other articles requiring high stiffness.

Product Family

HDPE

Conversion Process

Injection Molding

Highlights

- Excellent stiffness
- Low warpage
- High top load
- Gas phase technology



Meeting Necessary Agency Requirements

The analytical laboratory in our innovation center helps us produce the right pellet. To ensure the finished product is on-specification, the laboratory analyzes all the properties of the ingredients that go into a product, the product streams mid-production and the final resin. The lab meets the requirements of FDA, GMP, USP and ISO 9001.



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 Injection Molding Equipment

Our application hall has three commercial-scale KraussMaffei injection 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
8.2	ASTM D1238 (g/10min)	2.16 kg/190C

Density	Method
0.965	ASTM D792 (g/cm3)