



52N7- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 52N7 designed to deliver superior low temperature toughness and excellent stiffness. This resin also offers good processability.

Product Family
HDPE

Conversion Process
Injection Molding

Highlights

- Intended for use in pails and other industrial injection molded parts
- Gas phase technology



Uncovering Insights Through Testing
The polymer science laboratories in our innovation center test specimens made in the application hall and perform in-depth studies to characterize polymer properties like flow behavior.



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
6.5	ASTM D1238 (g/10min)	2.16 kg/190C

Density	Method
0.952	ASTM D792 (g/cm3)