



54N20- HIGH-DENSITY POLYETHYLENE RESIN

Shell Polymers HDPE 54N20 is designed to deliver excellent stiffness/impact balance, flow easily, and offer good overall processability.

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

Injection Molding



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.

Highlights

- Intended for use in thin wall injection molding
- Balances physical property performance and flowability
- Gas phase technology



Reducing Downtime

The equipment in our application hall has advanced features to help you better understand our resins' performance and make correlations with your processing equipment. This will allow for more efficient qualification in your production lines, reducing downtime.

Product Details

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

Density	Method
0.954	ASTM D792 (g/cm3)