



39R4U- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 39R4U is a hexene that's designed for rotational molding and has excellent low temperature impact strength, stress crack resistance and processability.

Product Family

LLDPE

Conversion Process

Rotomolding

Highlights

- Excellent processability and aesthetics
- Low warpage and good mechanical properties
- Supports improvement in cycle times
- Great thermal stabilization
- UV stabilized
- Meets NSF Standard 61 FDA 21 HPFB and European regulations
- Suitable for use in storage tanks, chemical containers, and other general purpose uses
- Gas phase technology

Additives

UV-20 stabilizer package



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.



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.



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 20 minutes and prepared for shipment in a couple hours directly from our site.

Product Details

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

Density	Method
0.939	ASTM D792 (g/cm3)