



35R5U- LINEAR LOW-DENSITY POLYETHYLENE RESIN

Shell Polymers LLDPE 35R5U 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 toys and other general purpose uses
- Gas phase technology

Additives

UV-16 stabilizer package



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.



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.



Ensuring Lot-to-Lot Consistency

Within our innovation center, the analytical laboratory helps us produce highly consistent product. For example: The lab's data helps us to get as close as possible to the center of the specification range and to ensure all railcars are near that range.

Product Details

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

Density	Method
0.935	ASTM D792 (g/cm3)