

# PRODUCT DATA SHEET

## ROTOTUF® RT535

### Linear Low Density Polyethylene

**ROTOTUF® RT535** is a UV stabilized rotomolding resin for use in water tanks and general purpose applications.

This butene copolymer provides a good balance of stiffness and overall mechanical properties and offers the molder good value in their applications.

The white and black high-opacity formulations, with superior dispersion of the UV additives and durable pigments, offer excellent weatherability and long term stability.

This grade is ideally suited for outdoor and superior esthetic appearance.



#### NOMINAL PROPERTIES:

Density	0.935 g/ml	
Melt Index	5.0 g/10 min	
<i>Tensile (ASTM D-638)</i>		
Yield strength	2300 psi,	16 MPa
Elongation	590%	590%
Stress at break	2465 psi	17 MPa
<i>Flexural Modulus (ASTM D-792)</i>		
1% secant	87,000psi	600 MPa
<i>ARM Impact at -40°C , 0.250"</i>	120 ft.-lbs	163 Joules
<i>ESCR, D1693, 100%Igepal</i>	>150hrs	>150hrs

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**Colors and availability**

Available as Pellets

RT535W White resin

RT535BK Black resin

Available as 35 mesh powder

RT535W-G White resin

RT535BK-G Black resin

RT535NA-G Natural powder

Packaged in 20kg bags or 500Kg Gaylord boxes