



NEXUS LL036-939

Linear Low Density for rotational molding applications

Nexus HDPE LL067-935 is designed for rotational mold applications such as large hollow objects, playground equipment and drums. Characterized by excellent ESCR, low impact strength and warp resistance. LL067-935 is UV stabilized.

Typical Properties

Melt Index (190/2.16), g/10 min	ASTM D1238	6.7
Density, g/cc	ASTM D1505	.935
Tensile strength@ yield, 2"/min, psi	ASTM D638	2,500
Heat distortion Temperature, °C		
@66 psi	ASTM D648	50
@264 psi	ASTM D648	35
Flexural Modulus 1% Secant, psi	ASTM D790	87,200

Low Temperature Impact

1/8" specimen, ft-lbs

ARM STD

45

1/4" specimen

(-40°F impact)

150

Meets FDA Requirements

Yes

UV-stabilized

Yes

Nexus Resin Group, LLC has no control over the use to which others may put this material. Nexus Resin Group, LLC does not guarantee that the same results as described will be obtained by the end user. Nexus Resin Group, LLC does not guarantee the effectiveness or safety of any material for the design or the suitability of the material nor the designs of both for the end user's own particular use. Statements concerning possible or suggested uses of the materials or designs described herein are not to be construed as recommendations for use of such materials or designs.

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