

## LL321RYP

Polyethylene Foam for Rotational Molding

**Special Characteristics :** PlastMate LL321RYP is a formulated PE foam powder with UV stabilizers which can be expanded under the rotational molding process. This grade is designed for increasing rigidity, improving dimensional stability of mold part, and minimizing shot weight of PE layer. Close cell foam produced from LL321RYP can improve stiffness, thermal and sound insulation.

**Typical Applications :** Multi-layer part, Structural part, Toys and Playground equipment, Marine equipment, Furniture and Decoration

**Typical Properties :**

Properties	LL321RYP	Unit	Test Method
Physical Properties			

Melt flow rate (190 °C, 2.16 kg)**	3.2	g/10 min	ASTM D1238
Expansion Ratio	4	Time	In-house Method

\*\* This value base on natural resin

**Note:** Properties reported here are typical values of the product, not to be considered as specifications.

**Processing conditions:**

It is recommended to keep product dry prior use for production.

Please contact our technical service for processing conditions.

**Delivery form:** The products are supplied as powder in 20 kg Plastmate bag.

**Storage condition:**

- Avoid direct sunlight exposure
- Remaining PE foam keep seal and storage in dry condition
- Product shelf life one year after production