

## Polimeros Mexicanos Rotofoam® Plus 93050 Medium Density Polyethylene, Foam Grade

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Hexene Copolymer Linear Medium Density Polyethylene for foaming applications. It is formulated for inner layers with excellent foam cell structure and smooth surface finish and uniform closed cells. It increases thickness, durability, impact resistance and stiffness of molded part. Meets CONEG regulation for articles intended for direct food contact. Information provided by Polimeros Mexicanos

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeros-Mexicanos-Rotofoam-Plus-93050-Medium-Density-Polyethylene-Foam-Grade.php](http://www.lookpolymers.com/polymer_Polimeros-Mexicanos-Rotofoam-Plus-93050-Medium-Density-Polyethylene-Foam-Grade.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.330 - 0.390 g/cc	0.0119 - 0.0141 lb/in <sup>3</sup>	ASTM D1895
Density	0.321 g/cc	0.0116 lb/in <sup>3</sup>	Foamed
Melt Flow	5.2 g/10 min @Load 2.16 kg, Temperature 190 °C	5.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Impact Test	61.0 J @Temperature -40.0 °C	45.0 ft-lb @Temperature -40.0 °F	0.125 in.; ARM test

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	50.0 °C	122 °F	ASTM D648
Decomposition Temperature	190 - 200 °C	374 - 392 °F	

Descriptive Properties	Value	Comments
Appearance, Finished Product	Cream	
Appearance, Raw Material	White Powder	
Odor	None	
Pourability	2.5 - 4 gr/s	ASTM D1895

## Contact Songhan Plastic Technology Co.,Ltd.

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