



Rotofoam 93050

**Rotofoam[®]
plus**

1.- Product Description.

Hexene Copolymer Linear Medium Density Polyethylene for foaming applications. It is specially formulated for inner layers with excellent foam cell structure and smooth surface finish. It increases thickness, durability, impact resistance and stiffness of molded part.

Available as powder in 3 colors: white, black and crystal blue.

Applications: High quality Polyethylene to produce integrated interior structural foam walls with smooth surface finish.

This product meets CONEG regulation for articles intended for direct food contact.

2.- Typical Properties

Test	U.M.	Test Method	Minimum	Maximum
RESIN				
Discomposure Point	°C		190	200
Discomposure Gases			N ₂ , principally plus CO, CO ₂ , NH ₃ y H ₂ O Vapor	
Melt Index	g/10 min	ASTM D-1238	5.2	
Apparent Density	kg/m ³ g/cm ³	ASTM D-1895	330-390 0.33-0.39	
Pourability	g/s	ASTM D-1895	2.5 – 4	
Appearance	Visual	Visual	Powder	
Color	Visual	Visual	White	
Solubility			Relative insoluble in water and organic Solvents. Soluble in strong acids and bases. Reacts with acetone.	
Discoloration			Decomposition residue is white.	
Odor			Odor Free	
Parameters of finished products Foam Internal Layer				
Density (foamed Material)	kg/m ³ g/cm ³		321 0.321	
Final Appearance	Visual	Visual	Skin smooth with uniformed closed cells in the inside layer	
Color	Visual	Visual	Cream	

The technical information, suggested uses and applications submitted, are based on the properties and applications typical of the product. Polimeros Mexicanos, S.A. de C.V. is not responsible for the use, nor for results based on this information, all user must do their own test to determine their use.

Polímeros Mexicanos S.A. de C.V.

tel. +52(55) 5858 0555

fax. (55) 5113 2665

mail. ventas@polimers.com.mx

www.polimers.com.mx