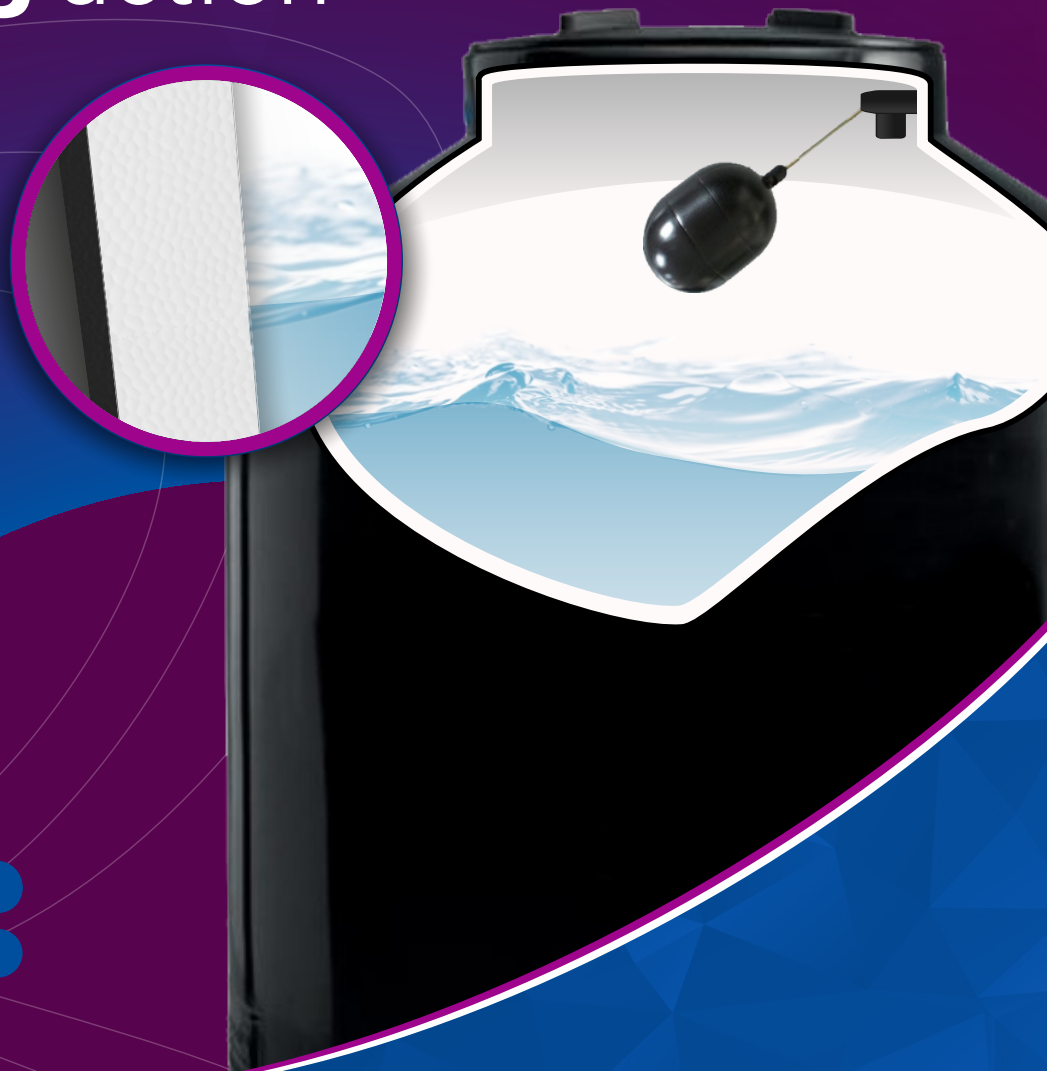


# Rotof foam<sup>®</sup>

High Performance

Meet the high performance  
With the **double**  
**foaming** action



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## 1. Product Description.

Medium Density Polyethylene with foam additives thermally and UV8 stabilized. Specially formulated for use as a foamed internal or intermedia layer providing a rigid structure, equal cell and smooth finish. This material provides great thickness, durability and rigid pieces.

Available: White, blue and black 35 mesh powder.

**2. Applications:** For parts requiring higher stiffness and lighter weight. Very effective when use as an inner or middle layer for water tanks.

## 3. Typical Characteristics:

TEST	METHOD	UNITS	NOMINAL VALUE
BASE RESIN PROPERTIES			
MELT INDEX @190°C/2.16 kg	ASTM D1238	g/10 min	5.0
DENSITY	ASTM D1505 Reference MA-01 Internal Method	g/cm <sup>3</sup>	0.935
FOAM PROPERTIES			
FOAM DENSITY	Internal Method	g/cm <sup>3</sup>	0.272 - 0.320
FINAL APPEARANCE	Visual	Visual	Smooth finish with uniform cell structure.
DECOMPOSITION TEMPERATURE <sup>1</sup>	Internal Method	°C	165 - 195
DECOMPOSITION GASES	Internal Method	N/A	Mainly N <sub>2</sub> , also CO, CO <sub>2</sub> , NH <sub>3</sub> and H <sub>2</sub> O steam.

**Notes:**

<sup>1</sup> Open flame molding.

The technical information of uses and applications recommended are based on the typical test results of each product. Polimeros Mexicanos is not responsible for the use or the results based on this information. All users must run their own test to determine their suitability.