

Lupolen 4021 K RM

A New Benchmark in Rotomolding



Resin Properties *Lupolen 4021 K RM*

MFR (g/10min)	2.16kg	4.0
Density (g/cm ³)		0.9395

Based on LyondellBasell's *Spherilene S* process and a unique catalysis system, *Lupolen 4021 K RM* has the potential to establish a new performance benchmark in the production of rotomolding applications, particularly due to its excellent balance between melt flow rate (MFR) and density, and between impact strength and environmental stress cracking resistance (ESCR).

Combination of outstanding properties

Lupolen 4021 K RM can be considered for use in applications in the tank market, where high rigidity and stiffness are required. The product combines increased density with an outstanding stress cracking resistance (ESCR), which is particularly important for applications used to transport and store chemical liquids.

With superior levels of cold impact resistance, the resin can be considered for use in applications that must withstand extremely low temperatures while retaining stability.

The property combination of stiffness and impact at low temperatures is important for many rotational molded applications.

Easy processing

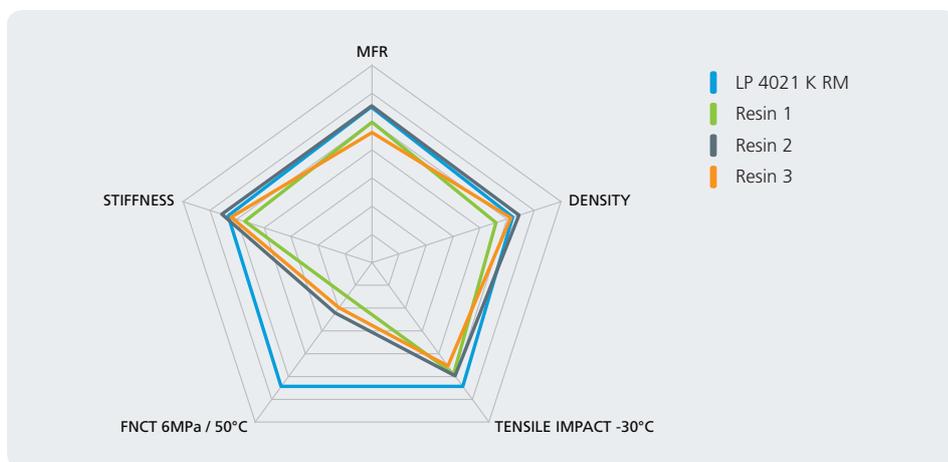
Due to its elevated MFR and high density, the resin offers converters a wide processing window, faster cooking times and downgauging potential.

Lupolen 4021 K RM is now available in pellet and powder forms from LyondellBasell and through its distributor Ultrapolymers.

Potential customer applications

- Water tanks
- Heating oil tanks
- Septic tanks and sewage systems
- Commercial, industrial, agricultural storage tanks
- Canoes and boats

For more information, please visit www.lyondellbasell.com



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