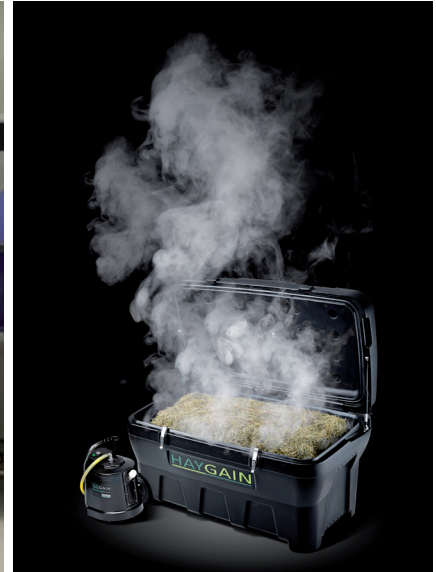


## Icorene 4014 PP grade, especially designed for rotomolding applications

High temperature resistance, improved stiffness or excellent scratch resistance



Courtesy Bioquell



Courtesy Haygain

Icorene 4014 is one of the best selling polypropylene grades in Europe for rotomolding purposes.

Polypropylene copolymer is a crystalline polymer which is copolymerized with ethylene. The advantage of Icorene 4014 compared to other commercialized roto polypropylene grades in the market is the balanced dosage of ethylene into the propylene process. This results in our product combining both the elasticity and ease of use of PE as well as the high heat resistance and scratch resistance of PP. Icorene 4014 PP is a fully UV and heat stabilized grade of consistent quality, with easy processing characteristics and availability in every color.

Customers use Icorene 4014 for challenging high value moldings, where extreme high tolerances are required due to multiple parts with higher scratch resistance, retail quality finish and no warpage.

### Product Benefits

- High temperature resistance
- Improved stiffness and creep resistance
- Excellent scratch resistance
- Good resistance to fatigue
- Good chemical resistance
- Fully UV- and heat-stabilized
- More rigid compared to PE material
- Easy processing - Easy to mould grade with excellent mechanical properties
- Available in color compounds
- Most widely sold polypropylene copolymer grade in Europe

### Specific applications



Hot hydraulic, urea and coolant solution tanks



Small tanks, industrial applications



Automotive parts, engine components



Manholes and inspection chamber (infrastructure underground)



Leisure and consumer goods like displays, furniture where aesthetical value is high



Hospital medical products



Refrigerators

# ABOUT US

**LyondellBasell (NYSE: LYB)** is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polypropylene compounds and the largest licensor of polyolefin technologies.

LyondellBasell is a market leading supplier of Specialty Powders. We serve a broad portfolio of our Specialty Powders to the rotomolding, carpetbacking and masterbatch industry. For more information about LyondellBasell Specialty Powders, please reach out to your account manager or send us an email to [ASI-Sales.emea.sp@lyondellbasell.com](mailto:ASI-Sales.emea.sp@lyondellbasell.com).

**More information about LyondellBasell can be found at [www.LyondellBasell.com](http://www.LyondellBasell.com).**

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