

Product News

Expanding our portfolio to your benefit

Advancing your formulations with our new
versatile “chameleon” in polyolefin elastomers

Queo™ 7030LA-P



Background

Polymer modifiers such as Queo™ POP / POE play a key role across a broad spectrum of applications. The new Queo™ 7030LA-P is designed to bring enhanced value to your formulations, combining low density with excellent flow characteristics. Typical uses include:

- Cold-impact modification in polypropylene (TPOs)
- Flexible injection molding applications
- Highly filled compounds
- Masterbatch carrier resins
- Base polymer for Hot Melt Adhesives (HMAs)

Produced using a solution phase process with 1 Octene as comonomer, Queo™ 7030LA-P offers the optimal balance of performance and processing efficiency: a “best of both worlds” approach in POE manufacturing.

Challenge

Until now, converters have faced limited options in low density elastomers that also offer high Melt Flow Indexes (MFI), an essential combination for many modern applications. Even fewer options have been available with reliable European production. For temperature sensitive elastomers, long transport routes increase the risk of massed, non

flowing granules. This forces converters to implement costly handling and cooling measures. As a result, market choice for high performance elastomers suitable for demanding compounds and blends has historically been constrained.

Solution

Borouge International addresses these challenges with the launch of **Queo™ 7030LA-P**, a next generation versatile polyolefin elastomer delivering softness, flexibility, and reliable processing performance.

With a density of **870 kg/m³**, Queo™ 7030LA-P provides highly amorphous structures capable of withstanding low temperature impact, ideal for TPO applications. Its high MFI ensures easy flow, making it an excellent candidate also for:

- Hot Melt Adhesives requiring a balance of flow and bond strength
- Highly filled compounds that must maintain flexibility
- Demanding masterbatch carrier resin applications

To safeguard material integrity and avoid granule massing, Queo™ 7030LA-P is talc powdered, ensuring consistent, free flowing granules throughout transport and storage.

Benefits

- Enables **high-quality TPO production** for automotive, construction, and industrial markets.
- Excellent **low-temperature impact performance** thanks to its highly amorphous structure.
- **Superior flow and bonding behavior** in HMA applications due to the 1-Octene comonomer and high MFR.
- **High filler loading capability** while maintaining easy flow and high extrusion output.
- **Reliable alternative** in the low-density, easy-flow POE segment.
- **Free-flowing granules** with talc protection significantly reduce the risk of pellets massing during logistics.
- **Outstanding performance as a polymer modifier** across multiple conversion technologies.

Queo™ 7030LA-P

Density (kg/m ³) ISO 1183	MFR (dg/min) 2.16 kg / 190°C ISO 1133	DSC peak melt point (°C) ISO 11357	Film applications	Extrusion coating	Sound deadening and other automotive	Flexible sheets	Wire and cables
870	30	59	✓		✓		✓
PP impact modification	Injection molded articles	Compounds and master batches	Synthetic corks	Adhesives	Caps and closures	Foams	Extras
✓	✓	✓		✓			Low anti oxidant package and talcum dusted

About Borouge International

Borouge Group International AG (Borouge International) is a global leader in polyolefins formed in 2026 through the combination of Borouge Plc, Borealis and NOVA Chemicals. Backed by long-term shareholders XRG, the international investment arm of ADNOC, and OMV, Borouge International brings together world-class assets, advantaged feedstock access and proprietary technology to deliver reliable high-performance polyolefin solutions across consumer products, infrastructure, energy, mobility and advanced products.

Borouge International combines a differentiated asset base, global reach and deep technical expertise to serve customers across key growth markets. The company is headquartered in Austria, with a regional headquarters in Abu Dhabi and corporate hubs in North America and Asia Pacific. Learn more about the company: www.borougeinternational.com.

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