BECAUSE WE CARE
We understand that in the healthcare market, safety and efficiency of the product matters most, and thus you need the right partner to do business with in a reliable and meaningful way. We achieve this through our dedicated innovative range of polyethylene and polypropylene grades, our global team and, critically, the Bormed concept. This is more than simply documentation and technical service, rather it is all encompassing – from product conception to production, procurement, support and distribution. It is based on the three core principles of service, commitment and conformance which cover the different aspects of active information management, change management and security of supply. Additionally, through our technical expertise and an ongoing, clear dialogue with our business partners, we remain at the forefront of healthcare trends and challenges allowing us to evolve our Bormed offering to the industry, providing tailored healthcare solutions for you. Because we care.

**COMMITMENT**
Our commitment to and understanding of the healthcare market is tangible in everything we do. We provide security of supply, for the short and long term, with higher stock levels and planning prioritisation. We seek out cooperation with our business partners, the OEMs, converters and machinery suppliers. We believe in consistency – combined with step change innovation which we drive at our state of the art innovation facilities. Experience, technical expertise and a forward looking attitude make us the right partner for the healthcare market.

**SERVICE**
It is important to have the right material and the right information at the right time in the right place. To achieve this, we steer information and notifications proactively, aiming to provide you with what you need to know, when you need it, in a concise and structured format. We lead open discussions with our business partners which enables us to remain at the forefront of industry trends and challenges. Through our dedicated global team of specialists, from R&D to technical support to sales and extensive dedicated distribution networks, we are able to provide fast and reliable delivery.

**CONFORMANCE**
Our expertise results in a maintained consistency of the variables used to make polyolefins for the healthcare market – safeguarding continued regulatory compliance, be it the European or US Pharmacopeia, or ISO standards. Going beyond this, we have dedicated control procedures in place to prevent uncontrolled changes and quality variations, allowing us to deliver quality of the highest standards. Our change control procedure ensures the highest quality standards. This goes hand in hand with enhanced operating instructions, which ensure that anyone involved in Bormed, knows Bormed – from product development to production, supply chain and support functions.
## BORMED™ PRODUCTS: DEDICATED POLYOLEFINS FOR HEALTHCARE APPLICATIONS

### PP

<table>
<thead>
<tr>
<th>Grade</th>
<th>Density [kg/m³]</th>
<th>MFR [g/10min]</th>
<th>ISO 10993 Charpy Impact [kJ/m²]</th>
<th>ISO 10993 Flexural Modulus [MPa]</th>
<th>ISO 1133 Density [MPa]</th>
<th>Typical Applications</th>
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</thead>
<tbody>
<tr>
<td>SC876CF</td>
<td>925</td>
<td>12.5</td>
<td>1,000</td>
<td>1,300</td>
<td>9274</td>
<td>Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutriion and IV solutions.</td>
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<tr>
<td>SC820CF</td>
<td>910</td>
<td>3.9</td>
<td>883</td>
<td>930</td>
<td>919</td>
<td>Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutrition and IV solutions.</td>
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</table>

### PE / PLASTOMERS

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<th>ISO 10993 Charpy Impact [kJ/m²]</th>
<th>ISO 10993 Flexural Modulus [MPa]</th>
<th>ISO 1133 Density [MPa]</th>
<th>Typical Applications</th>
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<tbody>
<tr>
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<td>1,300</td>
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<td>Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutriion and IV solutions.</td>
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<tr>
<td>LE821-PH</td>
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<td>1.5</td>
<td>883</td>
<td>927</td>
<td>919</td>
<td>Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutriion and IV solutions.</td>
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</table>

### PO

<table>
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<tr>
<th>Grade</th>
<th>Density [kg/m³]</th>
<th>MFR [g/10min]</th>
<th>ISO 10993 Charpy Impact [kJ/m²]</th>
<th>ISO 10993 Flexural Modulus [MPa]</th>
<th>ISO 1133 Density [MPa]</th>
<th>Typical Applications</th>
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<tbody>
<tr>
<td>MEDICIL®</td>
<td>910</td>
<td>12.0</td>
<td>1,000</td>
<td>1,300</td>
<td>9274</td>
<td>Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutriion and IV solutions.</td>
</tr>
</tbody>
</table>

### Typical Applications

- Peelable films used in secondary packaging for medical products.
- Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutrition and IV solutions.
- Containers and closures for tablets/powder/syringes and pharma products.
- Films used in secondary packaging for peritoneal dialysis products and IV solutions.
- Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutrition and IV solutions.
- Films used in secondary packaging for medical devices, pouches for peritoneal dialysis, pharma and nutrition and IV solutions.
- Disposable syringes, needle covers, veterinary care and laboratory disposables (i.e. blood collection systems).
- Disposable syringes and medical devices which require gamma sterilisation.
- Medical devices, diagnostic products (i.e. pipette tips and automatic analysis system recipients).
- Disposable syringes, needle covers, veterinary care and laboratory disposables (i.e. blood collection systems).
- Disposable 2-piece syringe barrels, needle covers, catheter connections and aerosol valves.
- Disposable syringes and medical devices which require gamma sterilisation.
- Containers and closures for tablets/powder/syringes and pharma products.
- Disposable syringes, needle covers, catheter connections and laboratory disposables (i.e. blood collection systems).
- Disposable syringes and medical devices which require gamma sterilisation.
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- Disposable syringes and medical devices which require gamma sterilisation.
About Borouge and Borealis

Borealis is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. With its head office in Vienna, Austria, the company currently has around 6,600 employees and operates in over 120 countries. Borealis generated EUR 7.5 billion in sales revenue and a net profit of EUR 1,095 million in 2017. Mubadala, through its holding company, owns 64% of the company, with the remaining 36% belonging to Austria-based OMV, an integrated, international oil and gas company. Borealis provides services and products to customers around the world in collaboration with Borouge, a joint venture with the Abu Dhabi National Oil Company (ADNOC).

Borealis and Borouge aim to proactively benefit society by taking on real societal challenges and offering real solutions. Both companies are committed to the principles of Responsible Care®, an initiative to improve safety performance within the chemical industry, and work to solve the world’s water and sanitation challenges through product innovation and their Water for the World programme.

For more information visit: www.borouge.com • www.borealisgroup.com • www.waterfortheworld.net

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