



Moplen RP348N

Polypropylene Random Copolymer Resin with Super High Clarity

Features

- Good processability
- High clarity
- Good of rigidity and impact properties balance
- Good chemical resistance

Typical applications

- Food containers
- Housewares
- Fan blades
- Motorcycle battery cases
- Injection stretch blow molding

PP Resin Properties (a)	Value	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	11	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	29	D638
Elongation at yield, %	13	D638
Flexural modulus, MPa	1050	D790A
Notched izod impact strength at 23°C, J/m	70	D256A
Deflection temperature, at 455 kPa, °C	86	D648

(a) Values shown are averages and are not to be considered as specifications.

(b) ASTM test methods are the latest under the Society's current procedures. All molded specimens are prepared by injection molding.

Note: Due to the fact that different regulations in each country set different details of compliance, users of Moplen RP348N are recommended to undertake their own investigation of the requirements and comply with each regulation set forth, for instance, in applicable local F&DA requirements. Ultimately the users must make their own determination that their use of Moplen RP348N is safe, lawful and technically suitable in their intended applications.

Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

This product(s) may not be used in: (i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I medical devices, without prior notification to Seller for each specific product and application; or (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: U.S. FDA Class II Medical Devices; Health Canada Class II or Class III Medical Devices; European Union Class II Medical Devices; film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices; packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; tobacco related products and applications, electronic cigarettes and similar devices, and pressure pipe or fittings that are considered a part or component of a nuclear reactor. Additionally, the product(s) may not be used in: (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices; (ii) applications involving permanent implantation into the body; (iii) life-sustaining medical applications; and (iv) lead, asbestos or MTBE related applications. All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Moplen is a trademark of LyondellBasell Industries

HMC Polymers is certified according to ISO 9001 and 14001

Issued 20-Sep-10

The purpose of this document is only for technical support of the use of the product.

Before using a HMC Polymers product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the HMC Polymers product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under HMC Polymers', LyondellBasell's or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of HMC Polymers except in a writing signed by an authorized HMC Polymers employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at HMC Polymers' option, and in no event shall HMC Polymers be liable for special, consequential, incidental, punitive or exemplary damages.

Công ty TNHH Thương Mại Dịch Vụ Toàn Đại Hưng
Số 9, Đường số 7, Cư Xá Bình Thới, Phường 8, Quận 11, Tp.HCM
Tel: (028) 39622857 – 39627761 – 39623270
Fax: 84-28 3962 0989
E-mail: toandaihung@hcm.fpt.vn
Website: www.toandaihung.com.vn

HMC Polymers Co., Ltd
 20/F, Sathorn City Tower, 175 South Sathorn Road,
 Thungmahamek, Sathorn, Bangkok 10120, Thailand
 Tel +66 2614 3700 Fax +66 2679 6380
 www.hmcpolymers.com

