



## 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 moulding

Resin properties ( a )	Moplen RP348N	ASTM METHOD(b)
Melt flow rate, dg/min.	11	D 1238
Density, g/cm <sup>3</sup>	0.90	D 792B
Tensile strength at yield, MPa	29	D 638
Elongation at yield, %	13	D 638
Flexural modulus, MPa	1050	D 790A
Notched izod impact strength at 23°C, J/m	64	D 256A
Deflection temperature, at 455 kPa, °C	86	D 648

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

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

### FDA Statement :

Moplen RP348N meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for all food contact. All ingredients in Moplen RP348N meets the chemical registration requirements of TSCA (U.S.) and DSL (Canada).

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.

Moplen is a trademark of Basell

HMC Polymers is certified according to ISO 9001 and 14001

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

Before using a HMC 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 product safely and legally. This document does not constitute warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. No one is authorised to make such warranties or assume any liability on behalf of HMC except in writing signed by an authorised HMC 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's opinion, and in no event shall HMC be liable for special, consequential, punitive, or exemplary damages.

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HMC Polymers is a member of the Basell family of polypropylene, polyethylene and advanced polyolefins companies

