



**HMC POLYMERS
COMPANY LIMITED**

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

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 ³	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
Rockwell hardness, R Scale	-	-
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, except for articles used for packaging and holding food during cooking. 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

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

HMC cannot anticipate all conditions under which this information and our products, or the products of other manufactures in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.



Mob : + 91 8910506413 / 9831235030

<https://www.interchemindia.in>