



## Moplen RP348N

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP348N is a polypropylene random copolymer, with high clarity, superior appearance, excellent flowability, good stiffness / impact balance and good dimensional stability. Typical applications include food containers, household containers, thin wall food packaging, clear ISBM bottles, furniture.

#### Product Characteristics

|                                      |                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                                           |
| <b>Test Method used</b>              | ASTM                                                                                         |
| <b>Availability</b>                  | Asia-Pacific, Australia/NZ, Africa-Middle East                                               |
| <b>Processing Methods</b>            | Injection Molding, Injection Stretch Blow Molding                                            |
| <b>Features</b>                      | High Clarity, Random Copolymer, Good Impact Resistance , Good Processability, Good Stiffness |
| <b>Typical Customer Applications</b> | Bottles For Consumer Goods, Caps & Closures, Clear Containers, Housewares                    |

| Typical Properties                                    | Method      | Value | Unit              |
|-------------------------------------------------------|-------------|-------|-------------------|
| <b>Physical</b>                                       |             |       |                   |
| Density -Specific Gravity (Method B)                  | ASTM D 792  | 0.90  | g/cm <sup>3</sup> |
| Melt Flow Rate (230°C/2.16kg)                         | ASTM D 1238 | 11    | g/10 min          |
| <b>Mechanical</b>                                     |             |       |                   |
| Flexural Modulus (Procedure A)                        | ASTM D 790  | 1050  | MPa               |
| Tensile Strength @ Yield                              | ASTM D 638  | 29    | MPa               |
| Tensile Elongation @ Yield                            | ASTM D 638  | 13    | %                 |
| <b>Impact</b>                                         |             |       |                   |
| Notched Izod Impact (23 °C, Method A)                 | ASTM D 256  | 70    | J/m               |
| <b>Thermal</b>                                        |             |       |                   |
| Heat deflection temperature at 0.46 N/mm <sup>2</sup> | ASTM D 648  | 86    | °C                |

#### Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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