

## Technical Data Sheet

### *Moplen* RP215MY B



Polypropylene, Random Copolymer

#### Product Description

*Moplen* RP215MY B is a polypropylene random copolymer designed for casting film, without anti-block and slip agent. *Moplen* RP215MY B is suitable for food contact.

#### Regulatory Status

For regulatory compliance information, see *Moplen* RP215MY B [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

|                   |                               |
|-------------------|-------------------------------|
| Status            | Commercial: Active            |
| Availability      | Asia-Pacific                  |
| Application       | Food Packaging Film           |
| Market            | Flexible Packaging            |
| Processing Method | Cast Film; Extrusion Flat-die |
| Attribute         | Random Copolymer              |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 6             | g/10 min          | ISO 1133-1    |
| <b>Mechanical</b>                                         |               |                   |               |
| Tensile Modulus, (23 °C)                                  | 920           | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 27            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                          | 12            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 4.3           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 134           | °C                | ISO 306       |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 75            | °C                | ISO 75B-1, -2 |

## Notes

These are typical property values not to be construed as specification limits.

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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