

## 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.

|                   |                               |
|-------------------|-------------------------------|
| 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 |