

## Technical Data Sheet

### Moplen RP348RX B

Polypropylene, Random Copolymer



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#### Product Description

Moplen RP348RX is a polypropylene random copolymer with good flowability which is used in injection molding applications.

Moplen RP348RX is nucleated, for improved productivity and very good optical properties (transparency and brilliance). Its antistatic addition prevents dust deposits and eases items demolding.

Typical applications of Moplen RP348RX are caps & closures, housewares and rigid packaging items.

#### Regulatory Status

For regulatory compliance information, see Moplen RP348RX [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	China
<b>Application</b>	Caps & Closures; Housewares
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Contains Antistat; High Transparency; Medium Flow; Nucleated; Random Copolymer

Typical Properties	Nominal Value Units	Test Method
<b>Physical</b>		
Melt Flow Rate, (230 °C/2.16 kg)	25 g/10 min	ISO 1133-1
<b>Mechanical</b>		
Tensile Modulus	1150 MPa	ISO 527
Tensile Stress at Yield, (23 °C)	30 MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	14 %	ISO 527-1, -2
<b>Impact</b>		
Charpy Impact strength - notched at 23°C	6 kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>		
Vicat Softening Temperature, (A50)	130 °C	ISO 306
Deflection Temperature Under Load, (0.46 MPa, Unannealed)	76 °C	ISO 75B-1, -2