

# PP

## RE400

### Expandable random PP for EPP bead

#### Application

Foam, EPP form, Car parts, Electrical and electronic packaging materials

#### Characteristics

Good processability and crosslinking property during foaming process

#### Physical properties

| Item                        | Test Method | Unit               | Typical Value |
|-----------------------------|-------------|--------------------|---------------|
| Melt index                  | ASTM D1238  | g/10min            | 7             |
| Density                     | ASTM D1505  | g/cm <sup>3</sup>  | 0.91          |
| Tensile strength (at yield) | ASTM D638   | kg/cm <sup>2</sup> | 300           |
| Elongation (at break)       | ASTM D638   | %                  | > 500         |
| Flexural modulus            | ASTM D790   | kg/cm <sup>2</sup> | 9500          |
| Izod Impact Strength (23°C) | ASTM D256   | kg cm/cm           | 5             |
| Rockwell hardness           | ASTM D785   | R scale            | 80            |
| Heat deflection temperature | ASTM D648   | °C                 | 96            |
| Melt temperature            | HTC Method  | °C                 | 145           |

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

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