

# EP300N

## Heterophasic copolymer

**Description:**

EP300N is a heterophasic copolymer for injection molding applications. The product offers excellent balance of stiffness, impact strength and processability. Typical applications of EP300N are packaging, housewares and automotive parts. EP300M is suitable for food contact.

**Typical Applications**

- Crates
- Housewares
- Industrial components
- Automotive parts

**Features:** Good impact resistance, Good stiffness, Good processability, Food Contact Acceptable

**Suitable for:** Injection molding

### Product Specification

| PHYSICAL/MECHANICAL PROPERTIES           | VALUE* | UNIT              | TEST METHOD   |
|--|--------|-------------------|---------------|
| Melt Flow Rate (230 °C, 2.16 kg)         | 15     | g/10 min          | ISO 1133      |
| Density                                  | 0.9    | g/cm <sup>3</sup> | ISO 1183      |
| Tensile Modulus                          | 1100   | MPa               | ISO 527-1, -2 |
| Tensile strength at Yield                | 24     | MPa               | ISO 527-1, -2 |
| Tensile Elongation at Break              | 50     | %                 | ISO 527-1, -2 |
| Tensile elongation at Yield              | 6.5    | %                 | ISO 527-1, -2 |
| Vicat softening point A50                | 146    | °C                | ISO 306       |
| H.D.T.B (0.45 MPa)                       | 75     | °C                | ISO 75B-1, -2 |
| Accelerated oven ageing in air at 150 °C | 360    | h                 | ISO 4577      |

\* Typical values; not to be considered as product specification.