

# Polypropylene EP300H

## Product Description

**EP300H** is a heterophilic copolymer manufactured by PMC under the license of LyondellBasell using Spherion process. EP300H is suitable for injection molding as well as for thermoforming applications. The features of EP300H are an excellent low temperature impact resistance combined with a good processability. EP300H meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

## Packaging

25 Kg bag

## Typical Data

| Property                                | Unit              | Typical Value | Test Method |
|---|-------------------|---------------|-------------|
| Melt Flow Rate(230°C/2.16kg)            | g/10min           | 1.8-2.4       | GB/T 3682   |
| Tensile Stress at Yield ( $\sigma_y$ )  | Mpa               | $\geq 22$     | GB/T 1040.2 |
| Flexural Modulus                        | Mpa               | $\geq 900$    | GB/T 1040.2 |
| Charpy Notched Impact Strength at 23°C  | KJ/m <sup>2</sup> | $\geq 50$     | ASTM E23    |
| Charpy Notched Impact Strength at -20°C | KJ/m <sup>2</sup> | $\geq 5.5$    | ASTM E23    |