

## Hifax EP200R

Block copolymer



### Product Description

Hifax EP200R is the reactor TPO manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Hifax EP200R is a super impact copolymer particularly suitable for injection molding of high impact resistance required application and compounding base resin of automotive bumper fascia and containers.

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| <b>Features</b>    | Excellent impact resistance at low temperature/ High flowability/ Printability         |
| <b>Market</b>      | Automotive/Compounds                                                                   |
| <b>Application</b> | Automotives Bumper & Door trim/ High impact resistance required application/ Container |

| ASTM Data                     |               |          |             |
|-------------------------------|---------------|----------|-------------|
| Typical Properties            | Nominal Value | Units    | Test Method |
| Melt Flow Rate (230°C,2.16kg) | 21            | g/10 min | ASTM D1238L |
| Density                       | 0.9           | g/cm3    | ASTM D1505  |
| Flexural Modulus              | 7500          | kg/cm2   | ASTM D790   |
| Tensile Strength at Yeild     | 180           | kg/cm2   | ASTM D638   |
| Elongation at Yeild           | 6             | %        | ASTM D638   |
| Izod Impact Strength (23°C)   | NB            | kgcm/cm  | ASTM D256   |
| Izod Impact Strength (-20°C)  | 13            | kgcm/cm  | ASTM D256   |
| Rockwell Hardness             | 50            | R-Scale  | ASTM D785   |
| Shore Hardness                | 60            | -        | -           |
| Vicat Softening Point         | 130           | °C       | ASTM D1525  |
| HDT (0.46 N/mm²)              | 85            | °C       | ASTM D648   |
| Gloss                         | 30            | %        | ASTM D523   |

1) The above values are typical property values for reference only not be construed as specification limits.

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