

# Hifax TSOP EM7 BLACK

Polyolefin  
LyondellBasell Industries

Message:

Hifax TSOP EM7 BLACK is a mineral filled polypropylene for injection moulding. It exhibits a superior balance of flowability, stiffness and impact. The product has a UV resistance designed for outdoor applications with good processability. This grade is available in custom colour, pellet form.

| General Information          |                           |       |             |
|------------------------------|---------------------------|-------|-------------|
| Filler / Reinforcement       | Mineral                   |       |             |
| Additive                     | UV Stabilizer             |       |             |
| Features                     | Good Flow                 |       |             |
|                              | Good Impact Resistance    |       |             |
|                              | Good Processability       |       |             |
|                              | Good Stiffness            |       |             |
|                              | Good UV Resistance        |       |             |
| Uses                         | Automotive Applications   |       |             |
|                              | Automotive Bumper         |       |             |
|                              | Automotive Exterior Parts |       |             |
| Appearance                   | Black                     |       |             |
|                              | Colors Available          |       |             |
| Forms                        | Pellets                   |       |             |
| Processing Method            | Injection Molding         |       |             |
| Physical                     | Nominal Value             | Unit  | Test Method |
| Density                      | 1.05                      | g/cm³ | ISO 1183    |
| Mechanical                   | Nominal Value             | Unit  | Test Method |
| Tensile Stress (Yield)       | 21.0                      | MPa   | ISO 527-2   |
| Flexural Modulus (23°C)      | 2100                      | MPa   | ISO 178     |
| Impact                       | Nominal Value             | Unit  | Test Method |
| Notched Izod Impact Strength |                           |       | ISO 180/A   |
| -30°C                        | 8.0                       | kJ/m² |             |
| 23°C                         | 50                        | kJ/m² |             |
| Thermal                      | Nominal Value             | Unit  | Test Method |
| Heat Deflection Temperature  |                           |       |             |
| 0.45 MPa, Unannealed         | 115                       | °C    | ISO 75-2/B  |
| 1.8 MPa, Unannealed          | 63.0                      | °C    | ISO 75-2/A  |

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