



## Hifax TSOP EM1 R1K3 G33016

### Compounded Polyolefin

#### Product Description

Hifax TSOP EM1 R1K3 G33016 is a 12% talc filled PP copolymer, with high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in G33016 color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

#### Product Characteristics

|                               |                                                                                 |     |
|-------------------------------|---------------------------------------------------------------------------------|-----|
| Status                        | Commercial                                                                      |     |
| Availability                  | Europe                                                                          | (1) |
| Processing Method             | Injection molding                                                               |     |
| Features                      | Impact resistance.                                                              |     |
| Typical Customer Applications | Used for applications demanding high impact strength as well as good stiffness. |     |

| Typical Properties                       | Method        | Value | Unit              |
|------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                          |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)         | ISO 1133      | 27    | g/10 min          |
| Density (23 °C)                          | ISO 1183-1/A  | 0.98  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 1400  | MPa               |
| Tensile Strength (23 °C)                 | ISO 527-1, -2 | 18    | MPa               |
| <b>Impact</b>                            |               |       |                   |
| Izod Impact strength, notched (23 °C)    | ISO 180/1A    | 54    | kJ/m <sup>2</sup> |
| Izod Impact Strength, notched (-30 °C)   | ISO 180/1A    | 7.8   | kJ/m <sup>2</sup> |
| <b>Thermal</b>                           |               |       |                   |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2  | 98    | °C                |

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.