



## Hifax PPU 1752S2S003 12

### Compounded Polyolefin

#### Product Description

Hifax PPU 1752S2S003 12 is an unfilled PP copolymer, with good flowability, medium rigidity, medium impact resistance and good UV resistance. The product is available in different color matched, pellet form.

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

#### Product Characteristics

|                                      |                                                          |     |
|--------------------------------------|----------------------------------------------------------|-----|
| <b>Status</b>                        | Commercial                                               |     |
| <b>Availability</b>                  | Europe                                                   | (1) |
| <b>Processing Method</b>             | Injection molding                                        |     |
| <b>Features</b>                      | Flowability, rigidity, impact resistance, UV resistance. |     |
| <b>Typical Customer Applications</b> | Used for standard applications.                          |     |

| Typical Properties                       | Method        | Value | Unit              |
|------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                          |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)         | ISO 1133      | 15    | g/10 min          |
| Density (23 °C)                          | ISO 1183-1/A  | 0.91  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 1100  | MPa               |
| <b>Impact</b>                            |               |       |                   |
| Charpy Impact Strength, notched (0 °C)   | ISO 179-1/1eA | 5     | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (23 °C)  | ISO 179-1/1eA | 9     | kJ/m <sup>2</sup> |
| <b>Thermal</b>                           |               |       |                   |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2  | 80    | °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.