



## Hostacom X 454

### Compounded Polyolefin

#### Product Description

#### Product Characteristics

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                      |
| <b>Test Method used</b>              | ISO                                                     |
| <b>Availability</b>                  | Europe, Asia-Pacific, Africa-Middle East, Latin America |
| <b>Features</b>                      | Copolymer                                               |
| <b>Typical Customer Applications</b> | Under-the-Hood & Structural Applications                |

| Typical Properties                                                | Method        | Value Unit                  |
|-------------------------------------------------------------------|---------------|-----------------------------|
| <b>Physical</b>                                                   |               |                             |
| Density                                                           | ISO 1183      | 1.10 g/cm <sup>3</sup>      |
| Melt volume flow rate (230°C/2.16Kg)                              | ISO 1133      | 10.0 cm <sup>3</sup> /10min |
| <b>Mechanical</b>                                                 |               |                             |
| Tensile Modulus (Secant)                                          | ISO 527-1, -2 | 2600 MPa                    |
| Tensile Stress at Yield (50 mm/min)                               | ISO 527-1, -2 | 30.0 MPa                    |
| Tensile Strain at Yield (50 mm/min)                               | ISO 527-1, -2 | 5.0 %                       |
| <b>Impact</b>                                                     |               |                             |
| Charpy unnotched impact strength (23 °C, Type 1, Edgewise)        | ISO 179       | 15.0 kJ/m <sup>2</sup>      |
| Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A) | ISO 179       | 5.00 kJ/m <sup>2</sup>      |
| <b>Thermal</b>                                                    |               |                             |
| Heat deflection temperature A (1.80 MPa) Unannealed               | ISO 75A-1, -2 | 77.0 °C                     |
| Vicat softening temperature (A50 (50°C/h 10N))                    | ISO 306       | 80.0 °C                     |

#### Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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