



## Hostacom TRC 104N D63104

### Compounded Polyolefin

#### Product Description

**Hostacom TRC 104N D63104** is a mineral filled high impact, high stiffness polypropylene copolymer. The grade has been specially developed for large complex parts that require good impact as well as good

#### Product Characteristics

|                                      |                                                                                     |
|--------------------------------------|-------------------------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                                  |
| <b>Test Method used</b>              | ISO                                                                                 |
| <b>Availability</b>                  | Europe                                                                              |
| <b>Processing Method</b>             | Injection Molding                                                                   |
| <b>Features</b>                      | High Flow , High Impact Resistance , Paintable, Good Processability, Good Stiffness |
| <b>Typical Customer Applications</b> | Interior Applications, Instrument Panels                                            |

| Typical Properties                                      | Method        | Value Unit    |
|---------------------------------------------------------|---------------|---------------|
| Physical                                                |               |               |
| Density (Method A)                                      | ISO 1183      | 1.04 g/cm³    |
| Melt flow rate (MFR) (230°C/2.16Kg)                     | ISO 1133      | 22 g/10 min   |
| Mechanical                                              |               |               |
| Tensile Stress at Yield (23 °C, 50 mm/min)              | ISO 527-1, -2 | 19.5 MPa      |
| Tensile Strain at Break (23 °C, v = 50 mm/min)          | ISO 527-1, -2 | > 80 %        |
| Flexural modulus (23 °C, 2)                             | ISO 178       | > 1750 MPa    |
| Flexural Stress (23)                                    | ISO 178       | > 28 MPa      |
| Impact                                                  |               |               |
| Notched izod impact strength<br>(- 30, Type 1, Notch A) | ISO 180       | > 2 kJ/m²     |
| (23, Type 1, Notch A)                                   |               | > 20 kJ/m²    |
| Hardness                                                |               |               |
| Rockwell Hardness                                       | ISO 2039-2    | > 70          |
| Thermal                                                 |               |               |
| Heat deflection temperature B (0.45 MPa)<br>Unannealed  | ISO 75B-1, -2 | 106 °C        |
| Additional Information                                  |               |               |
| Mold shrinkage                                          | ISO 294-4     | 0.75 to 0.9 % |

**Note: Measured internally on plaques. Material shrinkage should be verified on a surrogate tool to confirm values.**

#### 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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