



## Hostacom SB224-2

### Compounded Polyolefin

#### Product Description

Hostacom SB224-2 conventional melt flow, 3,300 MPa flexural modulus, chemically coupled, 20% glass fiber-reinforced polypropylene copolymer has an excellent balance of strength, stiffness and impact resistance.

#### Product Characteristics

|                                      |                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                                                                                       |
| <b>Test Method used</b>              | ISO                                                                                                                                      |
| <b>Availability</b>                  | North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America                                                             |
| <b>Processing Methods</b>            | Injection Molding                                                                                                                        |
| <b>Features</b>                      | Chemically Coupled, Copolymer, Good Flow, High Impact Resistance , Good Processability, Medium Rigidity , Good Stiffness , High Strength |
| <b>Typical Customer Applications</b> | Hair Dryers, Shavers and Steam Irons, Sports, Leisure and Toys                                                                           |

| Typical Properties                                                | Method        | Value | Unit              |
|-------------------------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                                   |               |       |                   |
| Density                                                           | ISO 1183      | 1.03  | g/cm <sup>3</sup> |
| <i>Note: Alternative test method is ASTM D 1238-01.</i>           |               |       |                   |
| Melt flow rate (MFR) (230°C/2.16Kg)                               | ISO 1133      | 6     | g/10 min          |
| <b>Mechanical</b>                                                 |               |       |                   |
| Tensile Stress at Break                                           | ISO 527-1, -2 | 50    | MPa               |
| Flexural modulus                                                  | ISO 178       | 3300  | MPa               |
| <b>Impact</b>                                                     |               |       |                   |
| Notched izod impact strength (23 °C)                              | ISO 180       | 14    | kJ/m <sup>2</sup> |
| <b>Additional Information</b>                                     |               |       |                   |
| Mold shrinkage                                                    | ISO 294-4     |       |                   |
| <i>Note: Please contact Basell for shrinkage recommendations.</i> |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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

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