

## Technical Data Sheet

### *Hostacom* TYS 611N PG05

Polypropylene Compounds



#### Product Description

*Hostacom* TYS 611N PG05 is an unfilled impact modified polypropylene, with superior flowability, high scratch resistance offering an excellent impact/stiffness balance. This grade is delivered in PG05 color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

#### Regulatory Status

For regulatory compliance information, see *Hostacom* TYS 611N PG05 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                                                                   |
| <b>Availability</b>      | Asia-Pacific                                                                                         |
| <b>Application</b>       | Interior Trims                                                                                       |
| <b>Market</b>            | Automotive                                                                                           |
| <b>Processing Method</b> | Injection Molding                                                                                    |
| <b>Attribute</b>         | Good Processability; High Flow; High Impact Resistance; Low Density; Scratch Resistant; UV Resistant |

| Typical Properties                                        | Nominal |          | Test Method   |
|-----------------------------------------------------------|---------|----------|---------------|
|                                                           | Value   | Units    |               |
| Physical                                                  |         |          |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 30      | g/10 min | ISO 1133-1    |
| Density, (23 °C, Method A)                                | 0.90    | g/cm³    | ISO 1183-1    |
| Mechanical                                                |         |          |               |
| Flexural Modulus                                          | 1200    | MPa      | ISO 178       |
| Tensile Stress at Yield                                   | 19      | MPa      | ISO 527-1, -2 |
| Tensile Strain at Break                                   | 100     | %        | ISO 527-1, -2 |
| Impact                                                    |         |          |               |
| Notched Izod Impact Strength, (23 °C)                     | 45      | kJ/m²    | ISO 180/1A    |
| Thermal                                                   |         |          |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 84      | °C       | ISO 75B-1, -2 |

#### Notes

These are typical property values not to be construed as specification limits.

#### Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

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## Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

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