

## Technical Data Sheet

### Hostacom TYS 611N PC81



Polypropylene Compounds

#### Product Description

Hostacom TYS 611N PC81 is an unfilled impact modified polypropylene, with superior flowability, high scratch resistance offering an excellent impact/stiffness balance. This grade is delivered in PC81 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 PC81 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 30            | g/10 min          | ISO 1133-1    |
| Density, (23 °C, Method A)                                | 0.90          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                         |               |                   |               |
| 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 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                     | 45            | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| 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.