

## Technical Data Sheet

### *Hostacom* TYS 696N 8051 (FLAXEN)

Polypropylene Compounds

#### Product Description

*Hostacom* TYS 696N 8051 is an unfilled impact modified polypropylene, with high melt flow rate and high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 8051 color version.

#### Regulatory Status

For regulatory compliance information, see *Hostacom* TYS 696N 8051 (FLAXEN) [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Status            | Commercial: Active                              |
| Availability      | Asia-Pacific                                    |
| Application       | Interior Automotive Applications                |
| Market            | Automotive                                      |
| Processing Method | Injection Molding                               |
| Attribute         | High Flow; High Impact Resistance; UV Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 31            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 0.90          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus                                          | 1200          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 19            | MPa               | 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) | 85            | °C                | ISO 75B-1, -2 |

#### Notes

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