

## Technical Data Sheet

### Hostacom DYS707N HS NAT



Polypropylene Compounds

#### Product Description

Hostacom DYS707N HS NAT high melt flow, 975 MPa flexural modulus, high impact, natural thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It is typically used for automotive interior trim applications that demand excellent cold temperature impact and requires higher shrinkage.

|                   |                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Application       | Interior Automotive Applications                                                                                   |
| Market            | Automotive                                                                                                         |
| Processing Method | Injection Molding                                                                                                  |
| Attribute         | Good Colorability; Good Moldability; High Flow; High Impact Resistance; Low Temperature Toughness; Medium Rigidity |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 20            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                             | 0.90          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus                                             | 975           | MPa               | ISO 178       |
| Tensile Stress at Yield                                      | 18            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                    | 60            | kJ/m <sup>2</sup> | ISO 179       |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |