

## Technical Data Sheet

### *Hostacom* ERC 161N 642H VERY DK PWTR



Polypropylene Compounds

#### Product Description

*Hostacom* ERC 161N 642H VERY DK PWTR is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness, good scratch resistance and good flowability with good impact and dimensional stability. This grade is typically used for molding of automotive interior trim parts.

#### Regulatory Status

For regulatory compliance information, see *Hostacom* ERC 161N 642H VERY DK PWTR [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                 |
| <b>Availability</b>      | North America                                      |
| <b>Application</b>       | Automotive Parts; Interior Automotive Applications |
| <b>Market</b>            | Automotive                                         |
| <b>Processing Method</b> | Injection Molding                                  |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 16            | g/10 min          | ASTM D1238    |
| Density, (23 °C)                                             | 1.01          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus, (23 °C)                                    | 2400          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C)                             | 28            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Charpy Impact Strength - Notched                             |               |                   |               |
| (23 °C)                                                      | 7.0           | kJ/m <sup>2</sup> | ISO 179       |
| (-30 °C)                                                     | 3.0           | kJ/m <sup>2</sup> | ISO 179       |
| <b>Thermal</b>                                               |               |                   |               |
| Deflection Temperature Under Load                            |               |                   |               |
| (0.45 MPa, Unannealed)                                       | 110           | °C                | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed)                                       | 60            | °C                | ISO 75A-1, -2 |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |