

## Technical Data Sheet

**Hostacom AB0180 P4Z**

Polypropylene Compounds

**Product Description**

Hostacom AB0180 P4Z is an unfilled polypropylene copolymer, with high melt flow rate offering a good impact/stiffness balance. Product is available as a customized color matched, pellet form. This grade is delivered in P4Z color version.

**Regulatory Status**

For regulatory compliance information, see Hostacom AB0180 P4Z [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 33            | 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                                          | 1450          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 24.5          | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 7             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 4             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 98            | °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.

## Company Information

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

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- (ii) applications involving permanent implantation into the body;
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