

## Technical Data Sheet

### *Adstif* HA716J



Polypropylene, Homopolymer

#### Product Description

LyondellBasell Australia's Polypropylene grade *Adstif* HA716J is a high stiffness homopolymer with a broad molecular weight distribution and is specially designed for metallised biaxially oriented polypropylene (BOPP) film applications. *Adstif* HA716J offers better hot fill performance and improved metallisable barrier levels. *Adstif* HA716J can also be used in lamination film and compounding applications.

#### Regulatory Status

For regulatory compliance information, see *Adstif* HA716J [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                         |
|--------------------------|-----------------------------------------|
| <b>Status</b>            | Commercial: Active                      |
| <b>Availability</b>      | Asia-Pacific; Australia and New Zealand |
| <b>Application</b>       | Food Packaging Film; Lamination Film    |
| <b>Market</b>            | Flexible Packaging                      |
| <b>Processing Method</b> | BOPP; Compounding                       |
| <b>Attribute</b>         | Homopolymer                             |

| Typical Properties                                    | Nominal Value | Units             | Test Method   |
|-------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                       |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                      | 3.0           | g/10 min          | ISO 1133-1    |
| Density, (23 °C, Method D)                            | 0.90          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                     |               |                   |               |
| Flexural Modulus                                      | 1800          | MPa               | ISO 178       |
| Tensile Stress at Yield                               | 36            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                         |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                 | 4.5           | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Hardness</b>                                       |               |                   |               |
| Shore Hardness, (Shore D)                             | 76            |                   | ISO 868       |
| <b>Thermal</b>                                        |               |                   |               |
| Vicat Softening Temperature                           | 158           | °C                | ISO 306       |
| Heat Deflection Temperature B, (0.45 MPa, Unannealed) | 100           | °C                | ISO 75B-1, -2 |

#### Notes

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