

### Technical Data Sheet



#### Adstif HA748L

Polypropylene, Homopolymer

#### Product Description

Adstif HA748L is a high crystallinity polypropylene homopolymer with very good long term thermal stability, high stiffness, high HDT, good surface hardness, and good pigment dispersion. Typical customer applications are parts of electric appliances such as rice cooker, microwave oven, electric kettle, as well as food containers, housewares and base resin of compounds.

#### Regulatory Status

For regulatory compliance information, see Adstif HA748L [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                          |
| <b>Availability</b>      | Africa-Middle East; Asia-Pacific; Australia and New Zealand |
| <b>Application</b>       | Housewares; Small Appliances                                |
| <b>Market</b>            | Consumer Products; Electrical / Electronics                 |
| <b>Processing Method</b> | Injection Molding                                           |
| <b>Attribute</b>         | Good Thermal Aging Resistance; High Stiffness; Homopolymer  |

| Typical Properties                              | Nominal Value | Units    | Test Method |
|-------------------------------------------------|---------------|----------|-------------|
| <b>Physical</b>                                 |               |          |             |
| Melt Flow Rate, (230 °C/2.16 kg)                | 5             | g/10 min | ASTM D1238  |
| Density                                         | 0.90          | g/cm³    | ASTM D792   |
| <b>Mechanical</b>                               |               |          |             |
| Flexural Modulus                                | 2000          | MPa      | ASTM D790   |
| Tensile Strength at Yield                       | 39            | MPa      | ASTM D638   |
| Tensile Elongation at Yield                     | 8             | %        | ASTM D638   |
| <b>Impact</b>                                   |               |          |             |
| Notched Izod Impact Strength, (23 °C)           | 30            | J/m      | ASTM D256   |
| <b>Hardness</b>                                 |               |          |             |
| Rockwell Hardness, (R-Scale)                    | 110           |          | ASTM D785   |
| <b>Thermal</b>                                  |               |          |             |
| Deflection Temperature Under Load, (0.46 N/mm²) | 120           | °C       | ASTM D648   |



### Notes

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

### Company Information

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

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