

### Technical Data Sheet



### AdstifEA5076

Polypropylene, Impact Copolymer

#### Product Description

AdstifEA5076 is a high flow heterophasic copolymer with low TVOC, excellent processability, good stiffness and impact balance. Typical customer applications are components of compound for automotive and electrical appliances.

#### Regulatory Status

For regulatory compliance information, see AdstifEA5076 [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>       | Bumpers; Exterior Automotive Applications; Interior Automotive Applications; Opaque Containers        |
| <b>Market</b>            | Automotive; Compounding; Consumer Products; Rigid Packaging                                           |
| <b>Processing Method</b> | Compounding; Injection Molding                                                                        |
| <b>Attribute</b>         | Excellent Stiffness; Good Flow; Good Impact Resistance; Impact Copolymer; Low to No Odor; Low Warpage |

| Typical Properties                                           | Nominal Value | Units             | Test Method |
|--------------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                              |               |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 110           | g/10 min          | ASTM D1238  |
| Density                                                      | 0.90          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                            |               |                   |             |
| Flexural Modulus                                             | 1700          | MPa               | ASTM D790   |
| Tensile Strength at Yield                                    | 32            | MPa               | ASTM D638   |
| Tensile Elongation at Yield                                  | 4             | %                 | ASTM D638   |
| <b>Impact</b>                                                |               |                   |             |
| Notched Izod Impact Strength                                 |               |                   |             |
| (23 °C)                                                      | 30            | J/m               | ASTM D256   |
| (-20 °C)                                                     | 20            | J/m               | ASTM D256   |
| <b>Hardness</b>                                              |               |                   |             |
| Rockwell Hardness, (R-Scale)                                 | 110           |                   | ASTM D785   |
| <b>Thermal</b>                                               |               |                   |             |
| Vicat Softening Point                                        | 154           | °C                | ASTM D1525  |
| Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> ) | 126           | °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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