

Technical Data Sheet

## Accucomp HP0315L

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                         |                         |             |
|-------------------------------------------|-------------------------|-------------------------|-------------|
| Features                                  | • Heat Aging Resistant  |                         |             |
| Forms                                     | • Pellets               |                         |             |
| Physical                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Density / Specific Gravity                | 0.907                   | 0.905 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 8.0 g/10 min            | 8.0 g/10 min            | ASTM D1238  |
| Mechanical                                | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Modulus                           | 164000 psi              | 1130 MPa                | ASTM D638   |
| Tensile Strength                          |                         |                         | ASTM D638   |
| Yield                                     | 4790 psi                | 33.0 MPa                |             |
| Break                                     | 3630 psi                | 25.0 MPa                |             |
| Tensile Elongation                        |                         |                         | ASTM D638   |
| Yield                                     | 12 %                    | 12 %                    |             |
| Break                                     | 500 %                   | 500 %                   |             |
| Flexural Modulus                          | 168000 psi              | 1160 MPa                | ASTM D790   |
| Flexural Strength                         | 5370 psi                | 37.0 MPa                | ASTM D790   |
| Impact                                    | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Notched Izod Impact (0.125 In (3.18 Mm))  | 0.82 ft·lb/in           | 44 J/m                  | ASTM D256   |
| Hardness                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Rockwell Hardness (R-scale)               | 97                      | 97                      | ASTM D785   |
| Thermal                                   | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load         |                         |                         | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 185 °F                  | 85.0 °C                 |             |
| 264 Psi (1.8 Mpa), Unannealed             | 127 °F                  | 53.0 °C                 |             |
| Flammability                              | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Flame Rating (0.06 In (1.6 Mm))           | HB                      | HB                      | UL 94       |

### Notes

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