

Technical Data Sheet

# Accutech HP0334W10L

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General                |  |
|------------------------|--|
| Filler / Reinforcement | • Wollastonite (CaSiO <sub>3</sub> ), 10% Filler by Weight |
| Forms                  | • Pellets  |

| Physical                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method |
|---|-------------------------|-------------------------|-------------|
| Density / Specific Gravity                | 0.970                   | 0.968 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 6.0 g/10 min            | 6.0 g/10 min            | ASTM D1238  |
| Mechanical                                | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Modulus                           | 247000 psi              | 1700 MPa                | ASTM D638   |
| Tensile Strength                          |                         |                         | ASTM D638   |
| Yield                                     | 5080 psi                | 35.0 MPa                |             |
| Break                                     | 4060 psi                | 28.0 MPa                |             |
| Tensile Elongation                        |                         |                         | ASTM D638   |
| Yield                                     | 7.0 %                   | 7.0 %                   |             |
| Break                                     | 21 %                    | 21 %                    |             |
| Flexural Modulus                          | 261000 psi              | 1800 MPa                | ASTM D790   |
| Flexural Strength                         | 6090 psi                | 42.0 MPa                | ASTM D790   |
| Impact                                    | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Notched Izod Impact                       | 0.82 ft·lb/in           | 44 J/m                  | ASTM D256   |
| Hardness                                  | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Rockwell Hardness (R-scale)               | 93                      | 93                      | ASTM D785   |
| Thermal                                   | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load         |                         |                         | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 221 °F                  | 105 °C                  |             |
| 264 Psi (1.8 Mpa), Unannealed             | 140 °F                  | 60.0 °C                 |             |

| Additional Information   |     |
|--------------------------|-----|
| Ash Content, ASTM D2584: | 10% |

**Notes**

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