

## Technical Data Sheet

# Accutech HP0334C10L1

Polypropylene Homopolymer

LyondellBasell Industries

Engineering Plastics

| General                                   |   |                         |             |
|---|---|-------------------------|-------------|
| Filler / Reinforcement                    | • Calcium Carbonate, 10% Filler by Weight |                         |             |
| Forms                                     | • Pellets                                 |                         |             |
| Physical                                  | Nominal Value (English)                   | Nominal Value (SI)      | Test Method |
| Density / Specific Gravity                | 0.960                                     | 0.958 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                           | 203000 psi                                | 1400 MPa                | ASTM D638   |
| Tensile Strength                          |   |                         | ASTM D638   |
| Yield                                     | 5080 psi                                  | 35.0 MPa                |             |
| Break                                     | 2470 psi                                  | 17.0 MPa                |             |
| Tensile Elongation                        |   |                         | ASTM D638   |
| Yield                                     | 7.0 %                                     | 7.0 %                   |             |
| Break                                     | 70 %                                      | 70 %                    |             |
| Flexural Modulus                          | 232000 psi                                | 1600 MPa                | ASTM D790   |
| Flexural Strength                         | 5220 psi                                  | 36.0 MPa                | ASTM D790   |
| Impact                                    | Nominal Value (English)                   | Nominal Value (SI)      | Test Method |
| Notched Izod Impact                       | 0.94 ft·lb/in                             | 50 J/m                  | ASTM D256   |
| Hardness                                  | Nominal Value (English)                   | Nominal Value (SI)      | Test Method |
| Rockwell Hardness (R-scale)               | 91  | 91                      | ASTM D785   |
| Thermal                                   | Nominal Value (English)                   | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load         |   |                         | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 205 °F                                    | 96.0 °C                 |             |
| 264 Psi (1.8 Mpa), Unannealed             | 126 °F                                    | 52.0 °C                 |             |

### Additional Information

Ash Content, ASTM D2584: 10%

### Notes

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