

Technical Data Sheet

# Accutech HP0339C30L1

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                                           |                        |             |
|-------------------------------------------|-------------------------------------------|------------------------|-------------|
| Filler / Reinforcement                    | • Calcium Carbonate, 30% Filler by Weight |                        |             |
| Forms                                     | • Pellets                                 |                        |             |
| Physical                                  | Nominal Value (English)                   | Nominal Value (SI)     | Test Method |
| Density / Specific Gravity                | 1.11                                      | 1.11 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 21 g/10 min                               | 21 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                                     | 3920 psi                                  | 27.0 MPa               |             |
| Break                                     | 2180 psi                                  | 15.0 MPa               |             |
| Tensile Elongation                        |                                           |                        | ASTM D638   |
| Yield                                     | 5.0 %                                     | 5.0 %                  |             |
| Break                                     | 40 %                                      | 40 %                   |             |
| Flexural Modulus                          | 290000 psi                                | 2000 MPa               | ASTM D790   |
| Flexural Strength                         | 5370 psi                                  | 37.0 MPa               | ASTM D790   |
| Impact                                    | Nominal Value (English)                   | Nominal Value (SI)     | Test Method |
| Notched Izod Impact                       | 0.75 ft·lb/in                             | 40 J/m                 | ASTM D256   |
| Hardness                                  | Nominal Value (English)                   | Nominal Value (SI)     | Test Method |
| Rockwell Hardness (R-scale)               | 86                                        | 86                     | ASTM D785   |
| Thermal                                   | Nominal Value (English)                   | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load         |                                           |                        | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 226 °F                                    | 108 °C                 |             |
| 264 Psi (1.8 Mpa), Unannealed             | 140 °F                                    | 60.0 °C                |             |

| Additional Information       |  |  |  |
|------------------------------|--|--|--|
| Ash Content, ASTM D2584: 30% |  |  |  |

## Notes

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