

## Technical Data Sheet

# Accutech CP0437W30L1

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                                                            |                        |             |
|-------------------------------------------|------------------------------------------------------------|------------------------|-------------|
| Filler / Reinforcement                    | • Wollastonite (CaSiO <sub>3</sub> ), 30% Filler by Weight |                        |             |
| Forms                                     | • Pellets                                                  |                        |             |
| Physical                                  | Nominal Value (English)                                    | Nominal Value (SI)     | Test Method |
| Density / Specific Gravity                | 1.13                                                       | 1.13 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 18 g/10 min                                                | 18 g/10 min            | ASTM D1238  |
| Mechanical                                | Nominal Value (English)                                    | Nominal Value (SI)     | Test Method |
| Tensile Modulus                           | 276000 psi                                                 | 1900 MPa               | ASTM D638   |
| Tensile Strength                          |                                                            |                        | ASTM D638   |
| Yield                                     | 2470 psi                                                   | 17.0 MPa               |             |
| Break                                     | 2030 psi                                                   | 14.0 MPa               |             |
| Tensile Elongation                        |                                                            |                        | ASTM D638   |
| Yield                                     | 4.0 %                                                      | 4.0 %                  |             |
| Break                                     | 16 %                                                       | 16 %                   |             |
| Flexural Modulus                          | 261000 psi                                                 | 1800 MPa               | ASTM D790   |
| Flexural Strength                         | 2900 psi                                                   | 20.0 MPa               | ASTM D790   |
| Impact                                    | Nominal Value (English)                                    | Nominal Value (SI)     | Test Method |
| Notched Izod Impact                       | 3.6 ft·lb/in                                               | 190 J/m                | ASTM D256   |
| Hardness                                  | Nominal Value (English)                                    | Nominal Value (SI)     | Test Method |
| Rockwell Hardness (R-scale)               | 47                                                         | 47                     | ASTM D785   |
| Thermal                                   | Nominal Value (English)                                    | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load         |                                                            |                        | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 208 °F                                                     | 98.0 °C                |             |
| 264 Psi (1.8 Mpa), Unannealed             | 135 °F                                                     | 57.0 °C                |             |

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

## Notes

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