

## Technical Data Sheet

# Accutech HP0339T30L1

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General                |                              |  |  |
|------------------------|------------------------------|--|--|
| Filler / Reinforcement | • Talc, 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) | 21 g/10 min             | 21 g/10 min            | ASTM D1238  |

| Mechanical         | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------|-------------------------|--------------------|-------------|
| Tensile Modulus    | 319000 psi              | 2200 MPa           | ASTM D638   |
| Tensile Strength   |                         |                    | ASTM D638   |
| Yield              | 4930 psi                | 34.0 MPa           |             |
| Break              | 4350 psi                | 30.0 MPa           |             |
| Tensile Elongation |                         |                    | ASTM D638   |
| Yield              | 4.0 %                   | 4.0 %              |             |
| Break              | 10 %                    | 10 %               |             |
| Flexural Modulus   | 464000 psi              | 3200 MPa           | ASTM D790   |
| Flexural Strength  | 6820 psi                | 47.0 MPa           | ASTM D790   |

| Impact              | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---------------------|-------------------------|--------------------|-------------|
| Notched Izod Impact | 0.47 ft·lb/in           | 25 J/m             | ASTM D256   |

| Hardness                    | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-----------------------------|-------------------------|--------------------|-------------|
| Rockwell Hardness (R-scale) | 83                      | 83                 | ASTM D785   |

| Thermal                           | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-----------------------------------|-------------------------|--------------------|-------------|
| Deflection Temperature Under Load |                         |                    | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed     | 266 °F                  | 130 °C             |             |
| 264 Psi (1.8 Mpa), Unannealed     | 160 °F                  | 71.0 °C            |             |

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

## Notes

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