

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 ³ | 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.