

Technical Data Sheet

## Accutech CP0436M20CL

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                              |                        |             |
|-------------------------------------------|------------------------------|------------------------|-------------|
| Filler / Reinforcement                    | • Mica, 20% Filler by Weight |                        |             |
| Forms                                     | • Pellets                    |                        |             |
| Physical                                  | Nominal Value (English)      | Nominal Value (SI)     | Test Method |
| Density / Specific Gravity                | 1.03                         | 1.03 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 11 g/10 min                  | 11 g/10 min            | ASTM D1238  |
| Mechanical                                | Nominal Value (English)      | Nominal Value (SI)     | Test Method |
| Tensile Modulus                           | 305000 psi                   | 2100 MPa               | ASTM D638   |
| Tensile Strength                          |                              |                        | ASTM D638   |
| Yield                                     | 3190 psi                     | 22.0 MPa               |             |
| Break                                     | 2610 psi                     | 18.0 MPa               |             |
| Tensile Elongation                        |                              |                        | ASTM D638   |
| Yield                                     | 4.0 %                        | 4.0 %                  |             |
| Break                                     | 16 %                         | 16 %                   |             |
| Flexural Modulus                          | 305000 psi                   | 2100 MPa               | ASTM D790   |
| Flexural Strength                         | 4350 psi                     | 30.0 MPa               | ASTM D790   |
| Impact                                    | Nominal Value (English)      | Nominal Value (SI)     | Test Method |
| Notched Izod Impact                       | 1.6 ft·lb/in                 | 86 J/m                 | ASTM D256   |
| Hardness                                  | Nominal Value (English)      | Nominal Value (SI)     | Test Method |
| Rockwell Hardness (R-scale)               | 40                           | 40                     | ASTM D785   |
| Thermal                                   | Nominal Value (English)      | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load         |                              |                        | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 230 °F                       | 110 °C                 |             |
| 264 Psi (1.8 Mpa), Unannealed             | 142 °F                       | 61.0 °C                |             |

| Additional Information       |  |  |  |
|------------------------------|--|--|--|
| Ash Content, ASTM D2584: 20% |  |  |  |

### Notes

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