

## Fiberfil J-60/40/E8

Polypropylene Homopolymer  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                                     |                        |             |
|-------------------------------------------|-------------------------------------|------------------------|-------------|
| Filler / Reinforcement                    | • Glass Fiber, 40% Filler by Weight |                        |             |
| Features                                  | • Chemically Coupled • Homopolymer  |                        |             |
| Forms                                     | • Pellets                           |                        |             |
| Physical                                  | Nominal Value (English)             | Nominal Value (SI)     | Test Method |
| Density / Specific Gravity                | 1.22                                | 1.22 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 5.0 g/10 min                        | 5.0 g/10 min           | ASTM D1238  |
| Water Absorption (24 Hr)                  | 0.030 %                             | 0.030 %                | ASTM D570   |
| Mechanical                                | Nominal Value (English)             | Nominal Value (SI)     | Test Method |
| Tensile Modulus (73°F (23°C))             | 1.10E+6 psi                         | 7580 MPa               | ASTM D638   |
| Tensile Strength (73°F (23°C))            | 13500 psi                           | 93.1 MPa               | ASTM D638   |
| Tensile Elongation (Yield, 73°F (23°C))   | 3.0 %                               | 3.0 %                  | ASTM D638   |
| Flexural Modulus - Tangent (73°F (23°C))  | 1.00E+6 psi                         | 6890 MPa               | ASTM D790   |
| Flexural Strength (73°F (23°C))           | 17500 psi                           | 121 MPa                | ASTM D790   |
| Impact                                    | Nominal Value (English)             | Nominal Value (SI)     | Test Method |
| Notched Izod Impact                       |                                     |                        | ASTM D256   |
| 73°F (23°C), 0.125 In (3.18 Mm)           | 1.6 ft·lb/in                        | 85 J/m                 |             |
| Hardness                                  | Nominal Value (English)             | Nominal Value (SI)     | Test Method |
| Rockwell Hardness (R-scale)               | 105                                 | 105                    | ASTM D785   |
| Thermal                                   | Nominal Value (English)             | Nominal Value (SI)     | Test Method |
| Deflection Temperature Under Load         |                                     |                        | ASTM D648   |
| 66 Psi (0.45 Mpa), Unannealed             | 315 °F                              | 157 °C                 |             |
| 264 Psi (1.8 Mpa), Unannealed             | 305 °F                              | 152 °C                 |             |

### Additional Information

Rockwell Hardness, ASTM D785, R-Scale: 100 to 110

### Notes

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

