

**Technical Data Sheet****Matrixx YP62E40HS**

Polyamide 6  
LyondellBasell Industries  
Engineering Plastics

| General                                   |                                             |                    |             |
|-------------------------------------------|---------------------------------------------|--------------------|-------------|
| Material Status                           | • Commercial: Active                        |                    |             |
| Availability                              | • North America                             |                    |             |
| Filler / Reinforcement                    | • Glass Fiber/Mineral, 40% Filler by Weight |                    |             |
| Features                                  | • Heat Stabilized                           |                    |             |
| Forms                                     | • Pellets                                   |                    |             |
| Physical                                  | Nominal Value (English)                     | Nominal Value (SI) | Test Method |
| Melt Mass-Flow Rate (MFR) (250°C/2.16 kg) | 8.0 g/10 min                                | 8.0 g/10 min       | ASTM D1238  |
| Mechanical                                | Nominal Value (English)                     | Nominal Value (SI) | Test Method |
| Tensile Strength (Yield)                  | 18800 psi                                   | 130 MPa            | ASTM D638   |
| Flexural Modulus                          | 1.23E+6 psi                                 | 8470 MPa           | ASTM D790   |
| Impact                                    | Nominal Value (English)                     | Nominal Value (SI) | Test Method |
| Notched Izod Impact                       | 1.2 ft-lb/in                                | 64 J/m             | ASTM D256   |

**Notes**

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

**Processing Techniques**

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

**Product Storage and Handling**

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

**Company Information**

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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