

**Matrixx PP3A0BK**

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 7.8   | g/10min | ASTM D 1238   |
| Temperature                         | 230   | °C      | -             |
| Load                                | 2.16  | kg      | -             |

| Mechanical properties       | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| <b>ASTM Data</b>            |       |      |               |
| Tensile Strength at Yield   | 27.4  | MPa  | ASTM D 638    |
| Elongation at Yield         | 19    | %    | ASTM D 638    |
| Flexural Modulus            | 1150  | MPa  | ASTM D 790    |
| Izod Impact notched, 1/8 in | 140   | J/m  | ASTM D 256    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 908   | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value        | Unit | Test Standard |
|---|--------------|------|---------------|
| Pre-drying - Temperature                    | 82 - 104     | °C   | -             |
| Pre-drying - Time                           | 2 - 4        | h    | -             |
| Processing humidity                         | ≤0.1         | %    | -             |
| Melt temperature                            | 193 - 232    | °C   | -             |
| Mold temperature                            | 21 - 49      | °C   | -             |
| Zone 1                                      | 177 - 232    | °C   | -             |
| Zone 2                                      | 177 - 232    | °C   | -             |
| Zone 3                                      | 177 - 232    | °C   | -             |
| Back pressure                               | 0.138 - 2.07 | MPa  | -             |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Black

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Regional Availability**

North America