

Matrixx 12N4012

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|--------------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 8 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.019 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 30.3 | MPa | ASTM D 638 |
| Flexural Modulus | 1280 | MPa | ASTM D 790 |
| Gardner Impact | 16.9 | J | ASTM D 2794,4226,5420 |
| Izod Impact notched, 1/8 in | 80 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.5 | mm | - |
| DTUL @ 66 psi | 90.6 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 928 | kg/m ³ | ASTM D 792 |

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Special Characteristics

Flame retardant