DATASHEET

# ASTM Property

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|---|---|
| **Grade** | MF5000U |
| **Product** | HDPE |

## General Information

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|---|---|
| Key Features | MF5000U offers good stretching, spinning, high strength property, melting stability and weather resistance |
| Applications | Sea Net, Shading Screen |

| Item | Measuring Method | Unit | Value |
|---|---|---|---|
| | **Physical** | | |
| Melt Flow Index | ASTM D1238 | g/10min | 0.95 |
| Density | ASTM D1505 | g/㎤ | 0.954 |
| | **Mechanical** | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/㎠ | 250 |
| Tensile Strain (Break) | ASTM D638 | % | ≥500 |
| Flexural Modulus | ASTM D790 | kgf/㎠ | 10,000 |
| Rockwell Hardness | ASTM D785 | R | 50 |
| | **Impact** | | |
| Izod Impact Strength(notched) (23℃) | ASTM D256 | kgf·㎝/㎝ | 20 |
| | **Thermal** | | |
| VICAT Softening Temperature | ASTM D1525 | ℃ | 125 |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01

LIMICO