

UF1002EN

Description

Outstanding dart impact strength and excellent processability
 Co-monomer : 1-Butene
 Additives : No-Slip & Non-Anti-Block

Application

Food packaging and industrial lamination film

Key Features

UF1002 Series

| Properties | Method | Condition | Unit | UF1002EN |
|-------------------------------------|------------|--------------------|---------------------|----------|
| Physical | | | | |
| MFI | ASTM D1238 | 190°C, 2.16kg load | g/10min | 2 |
| Density | ASTM D1505 | Density-Gradient | g/cm ³ | 0.918 |
| Film Properties | | | | |
| Tensile Strength at Break Point, MD | ASTM D882 | 500mm/min | kgf/cm ² | 380 |
| Tensile Strength at Break Point, TD | ASTM D882 | 500mm/min | kgf/cm ² | 340 |
| Elongation at Break Point, MD | ASTM D882 | 500mm/min | % | 600 |
| Elongation at Break Point, TD | ASTM D882 | 500mm/min | % | 800 |
| Secant Modulus - 1% Secant, MD | ASTM D882 | 500mm/min | kgf/cm ² | 2500 |
| Secant Modulus - 1% Secant, TD | ASTM D882 | 500mm/min | kgf/cm ² | 3100 |
| Dart Impact Strength | ASTM D1709 | Method A | g | <135 |
| Elmendorf Tear Strength, MD | ASTM D1922 | 500mm/min | gf/μm | 160 |
| Elmendorf Tear Strength, TD | ASTM D1922 | 500mm/min | gf/μm | 350 |
| Haze(25μm) | ASTM D1003 | 25μm | % | 11 |
| Thermal | | | | |
| Melting Temperature | LG Method | by DSC | °C | 121 |

Note

The properties data in this table are typical values, and not guaranteed specification.
 Typical film property values are measured on 25μm film specimens(BUR 2.5, processing temperature 170°C).

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