

Product Texts

HD T6 is a general-purpose extrusion & lamination film HDPE grade produced by the Mitsui CX Technology.

HD T6 can be used for Lamination films, Woven sacks and Tarpaulin.

This grade is characterized by good processability and mechanical strength.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 0.5 | g/10min | ASTM D 1238 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 30 | MPa | ASTM D 638 |
| Tensile Strength at Break | 38 | MPa | ASTM D 638 |
| Elongation at Break | 800 | % | ASTM D 638 |
| Flexural Modulus | 1150 | MPa | ASTM D 790 |
| Shore D Hardness | 65 | - | ASTM D 2240 |
| Izod Impact notched, 1/8 in | 250 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melting Temperature | 131 | °C | ASTM D 3418 |
| Vicat Temperature | 124 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 960 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Zone 1 | 200 - 240 | °C | - |
| Nozzle temperature | 220 - 240 | °C | - |

Characteristics

Processing

Film Extrusion, Other Extrusion

Regional Availability

Asia Pacific

Applications

General Purpose