

TECHNICAL DATA SHEET

HD T6

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

HD T6 is characterized by good processability and mechanical strength

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

| Property | Test Method | Unit | Value |
|--|--------------------------|-------------------|-----------|
| Melt Flow Index (2.16 kg, 190°C) | ASTM D1238 | g/10 min | 0.5 |
| Density (23°C) | ASTM D1505 | g/cm ³ | 0.961 |
| Physical Property | | | |
| Tensile Strength at Yield | | MPa | 30 |
| Tensile Strength at Break | ASTM D638 (50 mm/min) | MPa | 38 |
| Elongation at Break | | % | >800 |
| Notched Izod Impact Strength (23°C) | ASTM D256A | J/m | 250 |
| Flexural Modulus | ASTM D790A | MPa | 1100 |
| Hardness | ASTM D2240 | Shore D | 65 |
| DSC Melting Temperature | ASTM D3418 | °C | 131 |
| Suggested Processing Conditions | | | |
| Barrel Temperature | | °C | 200 - 240 |
| Die Temperature | | °C | 220 - 240 |
| Quench Temperature | | °C | 25 |

* Halene H is the registered trademark of High Density Polyethylene of HPL

Mechanical Properties are on specimens from Compression Molded sheets

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