

## TECHNICAL DATA SHEET

## HD T6

**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.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D 1238	g/10 min	0.5
Density (23°C)	ASTM D 1505	g/cm <sup>3</sup>	0.961
<b>Physical Property</b>			
Tensile Strength at Yield	ASTM D 638 (50 mm/min)	MPa	28
Tensile Strength at Break		MPa	38
Elongation at Break		%	>1000
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	250
Flexural Modulus	ASTM D 790A	MPa	1100
Hardness	ASTM D 2240	Shore D	65
DSC Melting Temperature	ASTM D 3418	°C	131
<b>Suggested Processing Conditions</b>			
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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