

## TECHNICAL DATA SHEET

## HD T9

**HD T9** is a HDPE grade for stretched tape / raffia application produced by the Spherilene Technology.

This grade can be used for stretched tape/raffia for woven sacks and tarpaulin.

**HD T9** is characterized by excellent processability and mechanical strength.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190° C)	ASTM D 1238	g/10 min	1.1
Density (at 23°C)	ASTM D 1505	g/cm <sup>3</sup>	0.950
<b>Physical Property</b>			
Tensile Strength at Yield**		MPa	21
Tensile Strength at Break**	ASTM D 638	MPa	38
Elongation at Break**		%	>1000
Izod Impact Strength (23°C)	ASTM D 256	J/m	400
Flexural Modulus	ASTM D 790	MPa	1000
Hardness	ASTM D 2240	Shore D	61
DSC Melting Temperature	ASTM D 3418	°C	131
<b>Suggested Processing Conditions</b>			
Barrel Temperature		°C	200 – 240
Die Temperature		°C	230 – 250
Quench Temperature		°C	30

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

\*\* Tensile Properties are on Compression Molded Type IV Specimens as per ASTM D 638

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