

**Product Texts**

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.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1.1</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>26</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>38</b>	MPa	ASTM D 638
Elongation at Break	<b>1000</b>	%	ASTM D 638
Flexural Modulus	<b>1100</b>	MPa	ASTM D 790
Shore D Hardness	<b>61</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>400</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>133</b>	°C	ASTM D 3418
Vicat Temperature	<b>127</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>950</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Zone 1	<b>200 - 240</b>	°C	-
Nozzle temperature	<b>230 - 250</b>	°C	-

**Characteristics**

**Processing**  
Other Extrusion

**Regional Availability**  
Asia Pacific