

## Osman Plast T-Rib Lining Sheets Technical paper

### 1 The Products:

Osman Plast supplies HDPE T-Lining in different profiles and thicknesses for the Pipe-Lining business. We can supply our T-Rib lining in any color, the main colors are black, Blue, Green and Orange.

### 2 HDPE T- rib lining:

#### Details and Dimensions:

Thickness: 1.5mm – 5.0mm

Width: 1.100 meter

Length: as per customer requirement

Color: as per customer requirement

### **General Properties of T-Rip HDPE sheet material.**

s.#	Test	UOM	Value	Test Method
1	Material		HDPE	
2	Density	g/cm <sup>3</sup>	0.92	ASTM D 1505
3	Melt index (190 deg. C, 5kg. wt.)	g/10min	≤0.69	ASTM D 1238
	Melt index (190 deg. C, 2.16kg.wt)	g/10min	≤1.00	ASTM D 1238
4	Tensile strength at yield	MPa	>15	ASTM D 638
	Tensile strength at break	MPa	>24	ASTM D 638
5	Elongation at yield	%	19.5	ASTM D 638
	Elongation at break	%	700	ASTM D 638
6	Carbon Black content	%	2.25	ASTM D 1603
7	Water absorption	%	≤0.02	ASTM D 570
8	Sheet Dimensions			
	Thickness	mm	1.5-5±0.005	ASTM D 4801
	width	mm	1100	
length	mtr	As required		
9	Sheet color		Black or other colors	