

**NAME: 2100TN00**

**1) Product Description:** LDPE 2100TN00 Heavy duty Film

**2) Application:**

- It is suitable for application in Shrink hoods, Industrial sacks, Heavy duty carrier bags and liners.

**3) Typical data. (Table)**

Property	Unit	Typical Value	Test Method
<b>Physical</b>			
MFI	Dg/min	0.3	ISO 1133
Density	kg/m <sup>3</sup>	921	ISO 1183 (A)
<b>optical</b>			
Haze	%	15	ASTM D1003A
Clarity	mV	56	DSM METHOD
Gloss	%	39±5	ASTM D2457
<b>Formulation</b>			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	-	
slip	ppm	-	
<b>Film property</b>			
Impact Strength	kJ/m	35	ASTM D4272
Tear Strength TD	KN/ m	25	ISO 6383-2
Tear Strength MD	KN/ m	20	ISO 6383-2
Yield Stress TD	MPa	11	ISO R527-1
Yield Stress MD	MPa	12	ISO R527-1
Tensile Strength TD	MPa	26	ISO R527-1
Tensile Strength MD	MPa	29	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Elongation at break MD	%	>200	ISO R527-1
Modulus of elasticity TD	MPa	190	ISO R527-1
Modulus of elasticity MD	MPa	180	ISO R527-1
Coefficient of friction		0.7	ASTM D1894