

NAME: 2501TN00

1) **Product Description:** LDPE 2501TN00 Hygienic Film

2) **Application:**

- It is used in diaper film, lamination film and in applications where low blocking behavior without the help of additives is required.

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

Property	Unit	Typical Value	Test Method
Physical			
MFI	Dg/min	0.75	ISO 1133
Density	kg/m ³	925	ISO 1183 (A)
optical			
Haze	%	10	ASTM D1003A
Clarity	mV	34	DSM METHOD
Gloss	%	50±5	ASTM D2457
Formulation			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	-	
slip	ppm	-	
Film property			
Impact Strength	kJ/m	20	ASTM D4272
Tear Strength TD	KN/ m	30	ISO 6383-2
Tear Strength MD	KN/ m	35	ISO 6383-2
Yield Stress TD	MPa	12	ISO R527-1
Yield Stress MD	MPa	12	ISO R527-1
Tensile Strength TD	MPa	25	ISO R527-1
Tensile Strength MD	MPa	28	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Elongation at break MD	%	>200	ISO R527-1
Modulus of elasticity TD	MPa	200	ISO R527-1
Modulus of elasticity MD	MPa	190	ISO R527-1
Coefficient of friction		0.7	ASTM D1894