

NAME: 2101TN47

1) **Product Description:** LDPE 2101TN47 Shrink Film

2) **Application:**

- This grade enables high speed production of film without blocking.

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

Property	Unit	Typical Value	Test Method
Physical			
MFI	Dg/min	0.85	ISO 1133
Density	kg/m ³	921	ISO 1183 (A)
optical			
Haze	%	11	ASTM D1003A
Clarity	mV	37	DSM METHOD
Gloss	%	49±5	ASTM D2457
Formulation			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	1100±200	DSM METHOD
slip	ppm	700±70	DSM METHOD
Film property			
Impact Strength	kJ/m	30	ASTM D4272
Tear Strength TD	KN/ m	30	ISO 6383-2
Tear Strength MD	KN/ m	40	ISO 6383-2
Yield Stress TD	MPa	11	ISO R527-1
Yield Stress MD	MPa	12	ISO R527-1
Tensile Strength TD	MPa	21	ISO R527-1
Tensile Strength MD	MPa	22	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Elongation at break MD	%	>200	ISO R527-1
Modulus of elasticity TD	MPa	170	ISO R527-1
Modulus of elasticity MD	MPa	160	ISO R527-1
Coefficient of friction		0.1	ASTM D1894