

NAME: 2102TX00

1) **Product Description:** LDPE 2102TX00 GP film

2) **Application:**

- It is used in wide range of widths and thicknesses e.g. for punches, bags, liners and lamination film.

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

Property	Unit	Typical Value	Test Method
Physical			
MFI	Dg/min	1.9	ISO 1133
Density	kg/m ³	921	ISO 1183 (A)
optical			
Haze	%	11	ASTM D1003A
Clarity	mV	29	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	26	ASTM D4272
Tear Strength TD	KN/ m	25	ISO 6383-2
Tear Strength MD	KN/ m	60	ISO 6383-2
Yield Stress TD	MPa	11	ISO R527-1
Yield Stress MD	MPa	13	ISO R527-1
Tensile Strength TD	MPa	20	ISO R527-1
Tensile Strength MD	MPa	-	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Elongation at break MD	%	>150	ISO R527-1
Modulus of elasticity TD	MPa	200	ISO R527-1
Modulus of elasticity MD	MPa	190	ISO R527-1
Coefficient of friction		>1.0	ASTM D1894