

LDPE	LLDPE	MDPE	HDPE	PP	PVC	GPPS	HIPS	EPS	PET	ABS	SBR	PBR	PC	E.P.
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**NAME: 2102TX00**

**1) Product Description:** LDEP 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
<b>Physical</b>			
MFI	Dg/min	1.9	ISO 1133
Density	kg/m <sup>3</sup>	921	ISO 1183 (A)
<b>optical</b>			
Haze	%	11	ASTM D1003A
Clarity	mV	29	DSM METHOD
Gloss	%	50±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	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