

- **Grade Name:** LDPE 2102TX00
- **Categories:** Polymer, Thermoplastic, Polyethylene, Low Density Polyethylene
- **Processing Methods:** Film
- **Applications:** Punches, Bags, liners and lamination film

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/2.16 Kg)	1.9	dg/10min	ISO 1133
Density	0.921	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Tear Strength TD	25	kN/m	ISO 6383-2
Tear Strength MD	60	kN/m	ISO 6383-2
Impact Strength	26	KJ/m	ASTM D4272
Elongation at Break, MD	>150	%	ISO 527
Elongation at Break, TD	>500	%	ISO 527
Modulus of elasticity, MD	190	MPa	ISO 527
Modulus of elasticity, TD	200	MPa	ISO 527
Tensile Strength, MD	-	MPa	ISO 527
Tensile Strength, TD	20	MPa	ISO 527
Tensile Stress at Yield, MD	13	MPa	ISO 527
Tensile Stress at Yield, TD	11	MPa	ISO 527
Coefficient of friction	>1	-	ASTM D 1894
Optical Properties			
Properties	Value	Unit	Test Method
Gloss (45°C)	50 ± 5	%	ASTM D2457
Haze	11	%	ASTM D1003

Typical Properties: These values are not to be considered as product specifications.

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