

LDPE 2102TX00			
Parameter	Unit	Value	Test method
MFR (190°C/2.16 kg)	dg/10min	1.9	ISO 1133
Density	kg/m ³	921	ISO 1183 (A)
Haze	%	11	ASTM D1003A
Clarity	mV	29	DSM Method
Gloss	%	50±5	ASTM D2457
Antioxidant	ppm	600±60	DSM Method
Antiblock	ppm	-	—
Slip	ppm	-	—
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

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

GP Film

The values given for MFR and Density are targeted values. These exact values are guaranteed by licensor within applicable given ranges.

Storage, Handling: As poly ethylenes, like most polymers, are combustible, the usual precautions concerning ignition sources should be taken in warehouses and storage rooms. Where large quantities are kept in store, it is necessary to observe the normal rules for orderly stock control and to keep out dust and moisture. It should be stored in such a way to prevent exposure to direct sun light, as this may lead to quality deterioration.