

LDPE 2102TX00

GP Film

Property	Unit	Value	Test Method
MFR*	dg/10min	1.9	ISO 1133
Density*	kg/m ³	921	ISO 1183 (A)
Optical properties			
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 Properties			
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
Secant Modulus			
Puncher resistance			
Coefficient of friction		>1.0	ASTM D1894

* The values given for MFR and Density are targeted values. This exact values are guaranteed by licensior within applicable given ranges.

** By customer request.

Applications:

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

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