



## Technical Datasheet: LDPE 2101TN47

### Product Description:

LDPE 2101TN00W is a grade with good toughness and good biaxial shrink properties. The material contains no additives, has a low energy consumption during processing and a good draw down ability.

### Applications:

LDPE 2101TN00W is very suitable for thin shrink film Shopping bags.

### Typical data:

Property	Test method	Unit	value
Density	ISO 1183 (A)	kg/m <sup>3</sup>	921
Melt Flow index	ISO 1133	dg/min	0.85
Impact Strength	ASTM D4272	KJ/ M	25
Tear Strength(TD)	ASTM D6383-2	KN/ M	30
Tear Strength(MD)	ASTM D6383-2	KN/ M	40
Stress at break (TD)	-	Mpa	20
Stress at break (MD)	-	MPA	25
Strain at Break(TD)	-	%	>500
Strain at Break(MD)	-	%	>200
Yield Stress (TD)	-	MPA	11
Yield Stress (MD)	-	MPA	11
Modulus of elasticity (TD)	-	MPA	170
Coefficient of friction	ASTM D1894	-	1.0
Blocking	SABIC method	g	50
Re-blocking	SABIC method	g	50

\* Typical values not to be construed as specifications.