

## Technical Datasheet 2100TN00

### 1) Product Description:

LDPE 2100TN00 is a Low Density Polyethylene suitable for production of heavy duty film.

### 2) Applications:

It is suitable for application in Shrink hoods, Industrial sacks, Heavy duty carrier bags and liners.

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI	ISO 1133	dg/min	0.3
Density	ISO 1183(A)	kg/m <sup>3</sup>	921
Haze	ASTM D1003A	%	15
Clarity	DSM METHOD	mV	56
Gloss	ASTM D 2457	%	39
Anti oxidant	DSM METHOD	ppm	600
Impact Strength	ASTM D 4272	KJ/m	35
Tear Strength TD	ISO 6383-2	Kn/m	25
Tear Strength MD	ISO 6383-2	Kn/m	20
Yield Stress TD	ISO R 527-1	MPa	11
Yield Stress MD	ISO R 527-1	MPa	12
Tensile Strength TD	ISO R 527-1	MPa	26
Tensile Strength MD	ISO R 527-1	MPa	29
Elongation at break TD	ISO R 527-1	%	>500
Elongation at break MD	ISO R 527-1	%	>200
Modulus of elasticity TD	ISO R 527-1	MPa	190
Modulus of elasticity MD	ISO R 527-1	MPa	180
Coefficient of friction	ASTM D 1894	--	0.7

\* Typical values not to be construed as specifications.