




OILENCE
Oil & Gas Supply

Product: LDPE 2101TN47


Physical Properties	Value	Unit
Density	0.921	g/ml
MFI	0.85	g/10min
Mechanical properties	Value	Unit
Tear strength-TD	30	KN/m
Impact strength	30	KJ/m
Yield Stress -TD	11	MPa
Yield Stress -MD	12	MPa
Tensile Stress at break-TD	21	MPa
Tensile Stress at break-MD	24	MPa
Tear strength-MD	40	KN/m
Strain at break-MD	>200	%
Strain at break-TD	>500	%
Tensile modulus-MD	160	MPa
Tensile modulus-TD	170	MPa
Coefficient of friction	0.1	
Optical properties	Value	Unit
Clarity	37	mV
Haze	11	%
gloss	49	%

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