

## Technical Data Sheet (TDS)

### LOW DENSITY POLYETHYLENE(LDPE) 322

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
190°C and 2.16 kg	0.33	g/10 min	ASTM D1238
<b>Density</b>			
at 23°C	922	g/10 min	ASTM D1505
<b>MECHANICAL PROPERTIES</b>			
<b>Dart Impact Strength</b>	4	g/μm	ASTM D1709
<b>OPTICAL PROPERTIES</b>			
<b>Haze</b>	11	%	ASTM D1003
<b>Gloss</b>			
at 45°	50	-	ASTM D2457
<b>FILM PROPERTIES</b>			
<b>Tensile Properties <sup>(1)</sup></b>			
stress at break, MD	31	MPa	ASTM D882
stress at break, TD	30	MPa	ASTM D882
strain at break, MD	450	%	ASTM D882
strain at break, TD	690	%	ASTM D882
stress at yield, MD	11	MPa	ASTM D882
stress at yield, TD	10	MPa	ASTM D882
1% secant modulus, MD	190	MPa	ASTM D882
1% secant modulus, TD	210	MPa	ASTM D882
<b>Tear Resistance</b>			
MD	8	g/μm	ASTM D1922
TD	6	g/μm	ASTM D1922

For your reference only.

