

JINDAL

JINDAL POLY FILMS LTD.

(FORMERLY JINDAL POLYESTER LTD.)

HEAD OFFICE :

Plot No. 12, Sector B1, Local Shopping Complex, Vasant Kunj,
New Delhi – 110070, India.
Phone No : +91 11 26139256 - 265
Fax No : +91 11 26125739

Website : www.jindalpoly.com

WORKS :

28 - KM, Stone, Nashik - Igatpuri Road,
Village : Mundegaon, Taluk : Igatpuri,
Dist : Nashik, Maharashtra, PIN – 422403,
India.
Phone : + 91 2553 229100
Fax : + 91 2553 229200

UNIT CONVERSION TABLE

PROPERTIES		From	To	Multiply With
PHYSICAL	Thickness	Micron	Mil	0.04
			Gauge	4.0
	Grammage	gm/m ²	lb/ream	0.61308
	Yield	m ² /kg	in ² /lb	703.06959
SURFACE	Treatment Level	dyne/cm	N/mm	1.0
OPTICAL	Haze	%	%	1.0
	Gloss at 45 ⁰ Angle	-	-	1.0
MECHANICAL	Coefficient of Friction	-	-	1.0
	Tensile Strength / Modulus	kg/cm ²	N/mm ²	0.0980665
			lb/in ²	14.223
	Elongation	%	%	1.0
THERMAL	Shrinkage	%	%	1.0
	Seal Initiation Temperature	⁰ C	⁰ F	1.8 + (32)
	Sealing Strength	gms/25mm	gms/inch	1.0
BARRIER	Water Vapour Transmission Rate	gm/m ² /24h	gm/100in ² /24h	0.064516
	Oxygen Gas Transmission Rate	cc/m ² /24h	cc/100in ² /24h	0.064516

UNIT CONVERSION - OTHER UNITS

Unit	Multiply With	Unit				
From		To				
		kg/cm ²	N/mm ²	N/mtr ²	psi	Mpa
kg/cm ²		1.0	0.098	98000	14.205	0.09791
N/mm ²		10.2041	1.0	1000000	144.949	0.9991
N/mtr ²		1.02041 X 10 ⁻⁵	0.000001	1.0	0.000144949	9.991 X 10 ⁻⁷
psi		0.0704	0.00690	6898.98	1.0	0.006893
Mpa	10.2135	1.00092	1000919.2	145.0822	1.0	