GARWARE HI-TECH FILMS LIMITED

INDUSTRIAL PRODUCT DIVISION

GARWARE HI-TECH FILMS LIMITED
Chhatrapati Sambhaji Nagar– Pune Road
Naigaon, P.O. Waluj, Chhatrapati Sambhaji Nagar – 431 133 (INDIA).
Tel. Nos : +91-240-2554427-30
+91-240-2567400 / 700
Fax Nos : +91-240-2554672
E-mail : mkt.ipd@garwarehitech.com
Website : www.garwarehitechfilms.com

TECHNICAL DATA SHEET

Product Type – EMCL – 75,100,125 µ.

Product Description –

EMCL- is a Bi-Axially Oriented transparent polyester film of natural color.

Product Application –

- **Printing Application.**
- **Packaging.**
- **Metallizing.**

Features –

- **Optically clear film.**
- **Film is having good Mechanical strength.**
- **High Thermal stability.**

Regulatory – EMCL- Complies with regulatory requirement of USA-FDA, EU- REACH, EU- RoHS Compliance.

- **BRCGS Certified.**
- **ISO 9001: 2015 Certified company.**

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Provisional Technical Data Sheet

Product Type: - EMCL – 75,100,125 µ .

Sr. No	Properties	UoM	75	100	125	Tolerance	Test Method ASTM #
1	Nominal Thickness	Micron	75	100	125	± 2 %	ASTM E 252
2	Yield	M²/kg	9.50	7.15	5.70	± 2 %	Weight Basis
3	Tensile Strength MD	Kg/cm²	1800	1800	1800	± 200	ASTM D 882
	TD		2000	2000	1900	± 200	
4	Elongation MD	%	140	140	140	± 30	ASTM D 882
	TD		120	120	120	± 30	
5	Coef. of Friction (One Side – Other Side)	--	0.40	0.40	0.40	± 0.10	ASTM D 1894
	Static Dynamic		0.35	0.35	0.35	± 0.10	
6	Shrinkage @150°c/30 Min MD	%	1.4	1.4	1.4	± 0.40	ASTM D1204
	TD		0.0	0.0	0.0	± 0.20	
7	Haze	%	2.5	3.0	3.0	± 1.0	ASTM D 1003
8	Wetting Tension :- Plain side.	Dyne/ cm	42	42	42	± 2.0	ASTM D 2578
9	Width Tolerance	mm	± 2 of Ordered Width in absence of spec. from customer				Internal
10	Standard Length	Meters	2000	1500	1200	± 25	Internal

Disclaimer: The information provided above is based on Garware Hi-Tech Films Ltd. Conclusive tests and are indicative only to provide guidelines. These do not constitute guarantee of any specific product attributes or products for intended applications.

GARWARE HI-TECH FILMS LTD. Aurangabad