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-175µ & 225µ.

Product Description –

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

Product Application –

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

Features –

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

Regulatory – EMCL- PT025/ERC Complies with regulatory requirement of EU- REACH, EU- RoHS Compliance.

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

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Provisional Technical Data Sheet

Product Type: - EMCL - 175µ,225µ .

Sr. No	Properties	UoM	For 225µ	For 175µ	Tolerance	Test Method ASTM #
1	Nominal Thickness	Micron	225	175	± 2 %	ASTM E 252
2	Yield	M²/kg	5.7	4.1	± 2 %	Weight Basis
3	Tensile Strength MD TD	Kg/cm²	 2000 2000	 1900 1900	 ± 200 ± 200	ASTM D 882
4	Elongation MD TD	%	 150 120	 170 120	 ± 30 ± 30	ASTM D 882
5	Coef. of Friction (One Side – Other Side) Static Dynamic	--	 0.45 0.40	 0.45 0.40	 ± 0.10 ± 0.10	ASTM D 1894
6	Shrinkage @150°c/30 Min MD TD	%	 1.4 0.0	 1.4 0.0	 ± 0.40 ± 0.20	ASTM D1204
7	Haze	%	4.0	4.0	± 1.0	ASTM D 1003
8	Wetting Tension . Plain Side+/-	Dyne/cm	42 42	42 42	± 2.0	ASTM D 2578
9	Width Tolerance	mm	Internal			
10	Standard Length	Meters	600	800	± 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.