

Technical Data Sheet – D-HZC

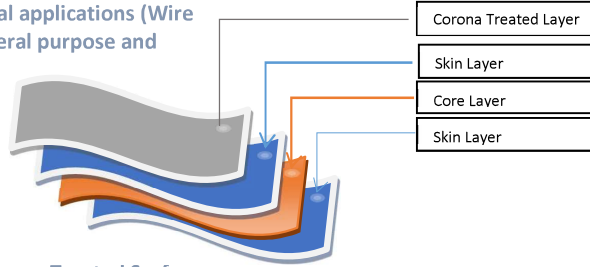
Product Description – D-HZC is One Side Corona Treated and other side Untreated, Hazy BOPET Film.

Film Structure

Applications – Specially designed for Electrical applications (Wire and Cable insulation). Suitable for other general purpose and industrial applications.

Salient Features –

- Excellent Machinability
- Excellent dimensional stability
- Good surface properties
- Good Insulation Property
- Improved Adhesion Properties on Corona Treated Surface



Typical Technical Details - D- HZC-TH									
Properties		Test Method	Unit	Values					
Physical									
Thickness		ASTM D374	Micron	12	15	19	23	30	36
Density		-	Gm/cc	1.4	1.4	1.4	1.4	1.4	1.4
Grammage		-	Gms	16.8	21	26.6	32.2	42	50.4
Yield		-	M 2/KG	59.5	47.6	37.5	31	23.8	19.8
Optical									
Haze		ASTM D-1003	%	4.5	4.5	5.0	5.0	6.0	7.0
Transmittance		ASTM D-1003	%	88	88	88	88	88	88
Mechanical									
Tensile Strength	MD	ASTM D-882	KG/cm 2	2000	2000	1900	1900	1900	1900
	TD	ASTM D-882	KG/cm 2	1900	1900	1800	1800	1800	1800
Elongation	MD	ASTM D-882	%	90	90	90	90	90	90
	TD	ASTM D-882	%	90	90	90	90	90	90
Coefficient of friction	St.	ASTM D1894	-	0.50	0.50	0.50	0.50	0.50	0.50
	Dy.	ASTM D1894	-	0.45	0.45	0.45	0.45	0.45	0.45
Thermal									
Shrinkage 190°C/20 Min.	MD	ASTM D1204	%	4.0	4.0	4.0	4.0	4.0	4.0
	TD	ASTM D1204	%	0.0	0.0	0.0	0.0	0.0	0.0
Surface									
Wetting Tension	Untreated	ASTM D2578	Dyne/cm	44	44	44	44	44	44
	Corona			54	54	54	54	54	54

Storage and Handling: D-HZC-TH needs to be stored in a closed warehouse below 35°C temperature and should not be exposed to direct sunlight, light sources and humidity. If the material is stored in the recommended conditions, it is suitable for use within 10 months from the date of shipment. Although it is a tough film, any kind of external pressure or shock can damage the film roll. Therefore, it is recommended to move the film roll with the help of proper equipment only.

Food Grade Compliance:

Dhunseri BOPET Films complies with EU and FDA regulations on plastic materials used for food grade applications. Any other documents and MSDS are available on demand.

Disclaimer: The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values given in this data sheet are based on experience and machine specification. However, we expect that actual values will be very similar to the given values. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. Dhunseri Poly Films Private Limited suggests the customer to confirm these values and product compatibility prior to their use. Dhunseri Poly Films provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheet. Dhunseri Poly Films reserves the right to change the technical data sheet at any time without prior notice.

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