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Partnering Global Trade
HEAT-INSULATION I POLYMERS I SAFETY-GLOVES
HPS EXIM PRIVATE LIMITED

Epoxy Glass Cloth Laminated Sheet as per IS: 10192
EP –III Grade

- **Temp index: 155 degree centigrade**

Properties and Applications:

Epoxy Glass Cloth laminated sheet grade EP III, with mechanical and electrical properties can be applied to generators, motors, electrical appliances as insulating structural parts and used in transformer oil, dry type transformers, electrical insulating board and humid environment.

TEST REPORT - EPOXY GLASS SHEET & COMPONENTS			
PROPERTIES	**TEST SPECIFICATION**	**UNIT**	**OBTAINED VALUE**
FLEXURAL STRENGTH PERPENDICULAR TO LAMINATIONS	IS:10192-1982	**MPA**	**≥340**
IMPACT STRENGTH PARALLEL TO LAMINATIONS (CHARPY)	IS:10192-1982	**KJ/ M²**	**≥33**
INSULATION RESISTANCE AFTER IMMERSION IN WATER (D-24/23)	IS:10192-1982	**Ω**	**≥5.0 X 10^8**
DIELECTRIC STRENGTH PERPENDICULAR TO LAMINATIONS (IN 90 C TRANSFORMER OIL, 1 MM IN THICKNESS	IS:10192-1982	**MV/m**	**≥14.2**
BREAKDOWN VOLTAGE PARALLEL TO LAMINATION (IN 90 C TRANSFORMER OIL)	IS:10192-1982	**KV**	**≥35**
PERMITTIVITY (50HZ)	IS:10192-1982	**-**	**≤5.5**
PERMITTIVITY (1MHZ)	IS:10192-1982	**-A**	**≤5.5**
DISSIPATION FACTOR (50HZ)	IS:10192-1982	**-**	**≤0.04**
DISSIPATION FACTOR (1MHZ)	IS:10192-1982	**-**	**≤0.04**
WATER ABSORPTION (D-24/23, 1.6MM IN THICKNESS	IS:10192-1982	**MG**	**≤19**
DENSITY	IS:10192-1982	**G/ CM³**	**1.8 – 1.9**
COLOR		**-**	**Natural**