

Technical Specifications

AS PER IS:15652-2006

S No.	Characteristics	Standard Values		
		2.0mm	2.5mm	3mm
1.	Minimum Thickness	2.0mm	2.5mm	3mm
2.	Tensile Strength (N/mm ²)	15	15	15
3.	Elongation (%)	250	250	250
4.	Insulation Resistance with water at 500V	1,000,000MΩ	1,000,000MΩ	1,000,000MΩ
5.	Leakage Current at 11KV	10mA	10mA	10mA
6.	Dielectric Strength	30KV	45KV	65KV
7.	Flame Retardance	5.0sec	5.0sec	5.0sec
8.	Effect to Acid, Alkali, Transformer Oil Acid: Tensile Str.(N/mm ²) Elog(%)	% Change from Original Value	% Change from Original Value	% Change from Original Value
9.	Alkali: Tensile Strength(N/mm ²) Elongation(%) Diesel: Tensile Strength(N/mm ²) Elongation(%) Transformer Oil: Tensile Strength(N/mm ²) Elongation(%)	Tensile Strength 20% Elongation 20%	Tensile Strength 20% Elongation 20%	Tensile Strength 20% Elongation 20%
10.	Ageing Properties at 70 ±1 (°C) for 168 hrs. Tensile Strength (Elongation %)	% Change from Original Value T.S 25%	% Change from Original Value T.S 25%	% Change from Original Value T.S 25%

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