



## PHENOLIC COTTON (Celotex)

Phenolic Cotton, also known as Mark “Celotex” is manufactured using extra fine mesh cotton fabric impregnated with phenolic resin. It features high strength low specific gravity. Resistant to a wide variety of chemical agents. Minimum acceptable abrasion and electrical insulation.

FEATURE	UNIT	VALUE
TYPE AS NORMADIN 7735	Hgw 2082	
BENDING TENSION TO BREAK PERPENDICULAR TO THE ROLLING (at 20°C temp. )	Mpa	90
APPARENT ELASTIC MODULUS IN BENDING	Mpa	$7 \times 10^3$
TENSILE STRENGTH	Mpa	60
RESISTANCE TO COMPRESSION PERPENDICULAR TO THE LAYERS	Mpa	320
RESISTANCE TO PARALLEL TO THE LAYERS SPLIT	Mpa	20
DENSITY	g/cm <sup>3</sup>	1,3 - 1,4
TEMPERATURE INDEX	°C	120
WATER ABSORPTION (for thickness 3 m/m)	mg	162