

## CHARACTERISTICS

COLOUR	WHITE	BEHAVIOUR WITH FIRE	INCOMBUSTIBLE
FILAMENT DIAMETRE	APPROX 6-9 $\mu$	DIELECTRIC RIGIDITY	60-100K/vmm
MAXIMUM WORKING TEMPERATURE	550°C	ACOUSTIC INSULATION	GOOD
VIRGIN YARN BREAKING STREIGHTH	3400 Mpa	ELECTRICAL INSULATION	GOOD
ORIGIN	SYNTHETIC MINERAL FIBRE	SPECIFIC GRAVITY	0,6-1,2 gr/cm <sup>3</sup>
DENSITY	2,54 gr/cm <sup>3</sup>	THERMAL CONDUCTIVITY	LOW
FIBRE THERMAL CONDUCTION	1,0 W/m*°K	FLEXIBILITY	EXCELLENT
FELT-PANEL THERMAL CONDUCTION	0,03 W/m*°K	MECHANICAL RESISTANCE	EXCELLENT

## CHEMICAL ANALYSIS

ALUMINIUM SILICATE	Al <sub>2</sub> O <sub>3</sub>	14,0-15,5%	CALCIUM	CaO	24%
SILICON	SiO <sub>2</sub>	55%	BORON	B <sub>2</sub> O <sub>3</sub>	6,5-9%