

Technical Data Report

Test Materials

ET 1200 (5mm) ET 1100 (5mm) ET 1000 (5mm)

RESULTS OF COMPARATIVE TESTING OF MATERIALS LISTED ABOVE, TEST METHODS IN **RED**

DESCRIPTION OF TESTING		UNIT	PROCESSING CONDITION	ET 1200	ET 1100	ET 1000
INSULATION RESISANCE	NORMAL CONDITION	OHM ASTM D 257	A	14 10	14 10	14 10
	AFTER BOILED		Hrs Temp c D 2 / 100	11 10	9 10	9 10
ARC RESISTANCE		SECONDS	A	420	380	365
DIALECTRIC STRENGTH		KV / per mm	A	10	10	10
FLEXURAL STRENGTH	LAMINATE	2 kgf / mm ASTM D 790	A	14.2	17.0	17.0
			Hrs Temp c E 3 / 500	6.2	4.6	4.6
			Hrs Temp c E 3 / 650	3.7	3.0	2.9
LOSS OF WEIGHT (AFTER HEATING)		%	Hrs Temp c E 3 / 500	0.85	1.5	1.41
			Hrs Temp c E 3 / 650	1.36	2.0	2.13
IZOD IMPACT STRENGTH	PARALLEL TO LAMINATE	kgf. cm / cm ASTM D 256	A	37.7	30.0	30.0
WATER ABSORPTION		% ISO R 62	D 24 / 23	0.04	0.08	0.08
DENSITY		ASTM D 792	A	2.15	2.03	2.03

- A AS RECEIVED CONDITION
- B PROCESSING IN CONSTANT TEMPERATURE AND HUMIDITY
- C PROCESSING BY EMERSION IN WATER OF CONSTANT TEMPERATURE
- D PROCESSING IN AIR OF CONSTANT TEMPERATURE