

## TECHNICAL DATA - SILICON MICA / TENMAT SINDANYO

PRODUCT	UNIT	MICA M	MICA P	SINDANYO
THICKNESS RANGE		0,4 - 30	0,4 - 50	6 - 75
<b>MECHANICAL</b>				
TENSILE STRENGTH	Mpa	100	100	
FLEXURAL STRENGTH	MPa	130	130	30
IMPACT STRENGTH				
DENSITY	g/cm <sup>2</sup>	2.1	2.1	1.6
WATER ABSORPTION	%	1	1	15
<b>ELECTRICAL</b>				
DIELECTRIC STRENGTH	KV/mm	15	15	2.1
ARC RESISTANCE	s	300	300	184
SURFACE RESISTANCE	Ohms	10 <sup>13</sup>	10 <sup>13</sup>	
DIELECTRIC CONSTANT	Min	3.8	3.8	
COMPARATIVE INDEX	V	600	600	
<b>THERMAL</b>				
CONTINUOUS TEMPERATURE	°C	500	700	700
THERMAL EXPANSION	u/u/K	4,7 x 10 <sup>-5</sup>	4,7 x 10 <sup>-5</sup>	6,0 x 10 <sup>-5</sup>
THERMAL CONDUCTIVITY	W/mK	0.16	0.16	0.33

This DATA, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. DATA supplied above are "typical values", not to be considered "specification values".