
PRODUCT NAME	:	MIRROBOR™ (HIGH BORON CONTENT FLEXIBLE NEUTRON SHIELDING) (80% B4C, 2mm, 5mm, or 10mm thick composed of 2x5mm)
PRODUCT TYPE	:	STANDARD or SELF-ADHESIVE
FIELD OF APPLICATION	:	FLEXIBLE NEUTRON SHIELDING MATERIAL
PHYSICAL PROPERTIES	:	
COLOUR	:	BLACK
DENSITY	:	1,36 g/cm³
CONSISTENCY	:	SOLID
THICKNESS VARIATION	:	2 +1/-0,5MM; 5 +1/-1MM
SURFACE	:	POROUS AND SHINY FACES
COMPOUND	:	80% B4C AND ACRYLATE RESIN
THERMAL PROPERTIES	:	
MELTING TEMP.	:	N/A
THERMAL CONDUCT.	:	N/A
WORKING TEMP.	:	
RANGE	:	10-175°C
FLAMEABLE	:	375°C
ELECTRICAL PROPERTIES	:	
CONDUCTIVITY	:	N/A
RELATIVE PERMITIVITY	:	N/A
DIELECTRIC FACTOR	:	N/A
VACUUM PROPERTIES	:	
VACUUM LEVEL	:	
RANGE	:	ANY
OUTGASING	:	NO
DECOMPOSITION	:	NO
RADIATION PROPERTIES	:	UNDER SPECIFIC TEST
OTHER TECHNICAL INFORMATION:	:	THE PROTECTIVE FOIL MUST BE REMOVED BEFORE USAGE! IN CASE OF SELF-ADHESIVE TYPE OF MIRROBOR™, PLEASE REFER TO AS1130 TP TECHNICAL DATA SHEET OF ACRYLIC BONDING TAPE.
FIXING, GLUEING	:	PREPARATION ACCORDING TO THE GLUE SPECIFICATION. NO OTHER PREPARATION NEEDED ON MIRROBOR™ SIDE ANY SOLVENT FREE GLUE/ADHESIVE ALLOWED. GLUEING ON WHOLE SURFACE OR 100mm UNIFORMLY DISTRUBUTED DOTS (10mm dia) for THICKNESS 2mm, FOR THICKNESS 5mm DISTRIBUTION CAN BE UP TO 200mm
USAGE UNDER VACUUM	:	OPEN CELL POROSITY OF THE MATERIAL TAKE LONGER EXHAUSTING TIME (1-2DAY(S) RUN)