



material specification

s-mart TEX

(polyester fabric reinforced polyester resin with PTFE filler)

	property	unit	value	standard
	color		 orange	
	density	g/cm ³	1,25	
	tensile strength	N/mm ²	90	
	compressive strength	N/mm ²	345	
	static, normal to laminate, fully comprehended parallel to laminate		97	
	tensile modulus (tensile test)	N/mm ²	3200	
	moisture absorption (saturation)	%	< 0,1	
	minimum service temperature	°C	-40	
	maximum service temperature (in water)	°C	130 (100)	
	hardness Rockwell M		100	

the mentioned data are only valid for test pieces of the corresponding ISO, DIN and ASTM standards and cannot be directly related to gaskets and joints. the values which are marked with the symbols greater than (\geq) and smaller than (\leq) are nominal values and must be fulfilled of each batch. all values which are not marked are typical values which are only tested on selected samples.