

TECHNICAL DATA SHEET					
				Date : 08/02/2022	
Fibrosan Product Code :		620 DPN TRA WGT			
Product Name :		Flat Polyester Sheet			
Thickness :		2,00 mm			
	PRODUCT CHARACTERISTICS	TEST STANDARD	UNIT	VALUE	
PHYSICAL	THICKNESS	-	mm	2,00	
	COLOR	-	RAL, NCS, CUSTOMER COLOR	RAL, NCS, CUSTOMER COLOR	
	GLASS CONTENT	TS 1177 EN ISO 1172	%	~27,2	
	WATER ABSORPTION	ISO 62	% (METHOD 2)	≤0,4	
	WEIGHT	-	g/m²	2900	
			g/cm³		
	SPECIFIC GRAVITY	COMPANY STANDARDS (IN HOUSE TESTING)		~1,4	
UV RESISTANCE	UV TEST	ASTM G - 53	QUV - B	< 10	
MECHANICAL				WIDTH	LENGTH
	TENSILE STRENGTH	ISO 527 - 4/2/2	N/mm²	98	110
	TENSILE MODULUS	ISO 527 - 4/2/2	N/mm²	6150	6475
	ELONGATION AT BREAK	ISO 527 - 4/2/2	%	2,6	3,3
	FLEXURAL STRENGTH	ISO 14125	N/mm²	180	205
	FLEXURAL MODULUS	ISO 14125	N/mm²	6600	6925
	FLEXURAL STRAIN	ISO 14125	%	4,9	5,4
	BARCOL / HARDNESS	TS EN 59	° Barcol	> 35	
THERMAL RESISTANCE	COEFFICIENT OF LINEAR EXPANSION	TS 1065-2 ISO 11359-2	K ⁻¹	30X10 ⁻⁶	
	THERMAL CONDUCTIVITY	TS ISO 8301	W/mK	0,124	
	HEAT TRANSFER COEFFICIENT	TS 1065-2 ISO 11359-2	W/m²K	5,5	
	THERMAL RESISTANT			between -40 °C + 120 °C	
FIRE RESISTANCE	FIRE PROOF CLASSIFICATION	DIN 4102	CLASS	B2	
TOLERANCES	Mechanical Results	-	-	± % 10	
	Unit weight	-	%	± % 5	
	Thickness	-	%	± % 5	
	Width	-	mm	± 2 mm	
	Length	-	mm	for 0-5 m + 15 / - 10 mm	
	Color	-	ΔE*	≤1	

R&D Department
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