TECHNICAL SPECIFICATIONS
PVC 510

PERFORMANCE	STANDARD / TEST	UNIT	STANDARD PVC	LOW TEMP PVC	ANTI-UV WELDING PVC	ENI598 WELDING PVC
LIGHT TRANSMITANCE	ASTM D1003	%	85	85	85	85
SHORE A HARDNESS	EN ISO 868	Sh A	80	65	80	80
TEARING RESISTANCE	DIN 53 515	N/mm	50	28	50	50
TENSILE STRENGTH AT BREAK	ASTM D638	N/mm^2	16	12	16	16
ELONGATION AT BREAK	EN ISO 527-2	%	340	390	340	340
RESIDUAL ELONG (AFTER BREAK)	-	%	68	76	68	68
THERMAL CONDUCTIVITY	ASTM C177	W/m.k	0,16	0,16	0,16	0,16
COLD BLEND BRITTLE TEMP	ISO 8570	°C	-35	-40	-35	-35
MIN USAGE TEMP MAX USAGE TEMP	EN 1876	°C	-15 50	-25 30	-15 50	-15 50
VICAT SOFTENING TEMP	EN ISO 306	-	50	48	50	50
SPECIFIC HEAT CAPACITY	ISO 11357	Kj/kg.K	1,6	1,6	1,6	1,6
SOUND REDUCTION	DIN 52210	Db	>35	>35	>35	>35
FIRE RETARDANCE	NF P 92-507 ASNZS 3837 DIN4102	GRADE	GRP4 B2	-	GRP4 B2	GRP4 B2
UV/IR FILTER	EN 1598	FILTER	-	-	-	YES
UV RESISTANCE CHARGE BUILD UP	ISO 4892 IEC 61087	- SPARKS	YES YES	YES YES	YES YES	YES YES
SURFACE RESISTIVITY	IEC 60093	Ω/[]	4.10^{13}	4.10^{13}	4.10^{13}	4.10^{13}
WATER ABSORPTION	EN ISO 62	%	-	-	-	-
ANTI-INSECT	-	-	NO	NO	NO	NO
DENSITY	ASTM D792	g/cm^3	1,22	1,18	1,22	1,22

PVC-Strip reserves the right to alter any of the elements quoted in the above specification without prior notice

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT OUR EXPERIENCED TEAM

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