

TECHNICAL INFORMATION

KL 93/3



Description: Lead free flexible PVC compound

Application: Electrical insulating extrusion



Standard : EN 50363-3 type TI3, UL 1581 class 105°C

Technical characteristics:

Property	Test method	Unit	Tolerance	T typical Value
Density	ISO 1183	gr/cm ³	± 0,02	1,41
Hardness Shore "A" 15"	ISO 868	point	± 2	93
Tensile strength	ISO 527	N/mm ²	≥	18
Elongation at break	ISO 527	%	≥	240
Volume resistivity (23°C)	ASTM D257	Ohm*cm	≥	6x10 ¹⁴
Thermal stability Red Congo	CEI 20-34/3-2	minutes	≥	300

The typical values reported in the table have been obtained from measurements made on extruded samples or pressed plates

Storage: compound must be stored at ambient temperature (not exceeding 30°C) in closed and unbroken packaging, in order to avoid exposure to sunlight and water absorption.

Processing

It can be processed using extruders with a temperature profile as that given below, which is however indicative, as it may depend on the equipment design adopted.

Zone 1	Zone 2	Zone 3	Zone 4	Collar	Head	Die
150-155	150-155	155-160	160-165	165-170	170-175	175-180

Packaging: 25Kg plastic bags, big bags, carton oktamins or in silos truck.

For further information please contact info@fainplast.com

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