



Data sheet

Granule Type :S8448

Description : PVC compound for sheathing of general purpose & fixed installation cables

Specification: IEC 60502:PVC/ST1, IEC 60227:PVC/ST4, BS 6746:TM1

Color: Natural and Colors

Properties	Standard and Test Method	Unit	Typical value
Hardness	ASTM D 2240(15sec)	Shore” A”	84±1
Density	ASTM D 792 / IEC 60811-1-3	gr/cm ³	1.47±0.01
Heat Stability at 200°c	VDE 0472/9.71	minute	min 80
Properties before ageing Tensile strength Elongation at break	IEC 60811-1-1	N/mm ² %	min 13 min 200
Properties after ageing “7 days at 100°c” Variation of Tensile Variation of Elongation	IEC 60811-1-2	% %	max 25 max 25
Heat shock test “1 hr at 150°c” Result to be obtained	IEC 60811-3-1	--	No Cracks
Loss of mass after ageing “7 days at 80°c”	IEC 60811-3-2	mg/cm ²	max 2

Processing Condition: As a general guide, typical processing temperature are as follows:

	zone 1	zone 2	zone 3	zone 4	head	die
max (°C)	150	170	180	180	190	200
min (°C)	130	130	140	150	160	160

Safety S8448 is classified as no-dangerous material.

Packaging

It is available in the form of pellets and supplied in PP laminated bag with a net content of 25 kgs.