

Raytech
Leader in Quality

TECHNICAL DATA SHEET

WONDER FLUID

SINGLE COMPONENT INSULATING AND SEALING FLUID GEL IN CARTRIDGE READY FOR USE

Single component insulating and sealing polymeric gel in cartridge, just cross linked and ready to use, sticky, adhesive and self amalgamating, self-levelling, re-enterable, particularly fluid and suitable for the insulation of accessories and for the filling of casings. Suitable for anticorrosion protection. Non toxic and safe. High resistance to natural ageing. It doesn't harden during time and it doesn't dry.

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Appearance			Visco-elastic cross linked gel
Colour			Green semi-transparent
Gel and setting time		Minuts	Just cross linked
Hardness	-	-	Easily injectable
Density	-	g/cc	0,96
Thermal conductivity	DIN 52612	W/mK	Approx 0,2
Continous working temperature	-	°C	- 60 up to +200°C
Flammability point	DIN 51376	°C	>200
Auto-ignition temperature	DIN 51376	°C	>400
Water absorption after 30 days of immersion	-	%	<< 0,05%
Dielectric strength	DIN 53481	kV/mm	>23
Dielectric constant	-	-	< 5
Tan δ	-	-	< 5 exp -3
Volume resistivity		Ω cm	>2 x 10 exp 15
Shelf life	-	-	Unlimited shelf life
"Self fusing" property of the cross linked product on itself	-	-	Very high

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REV. 000

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