

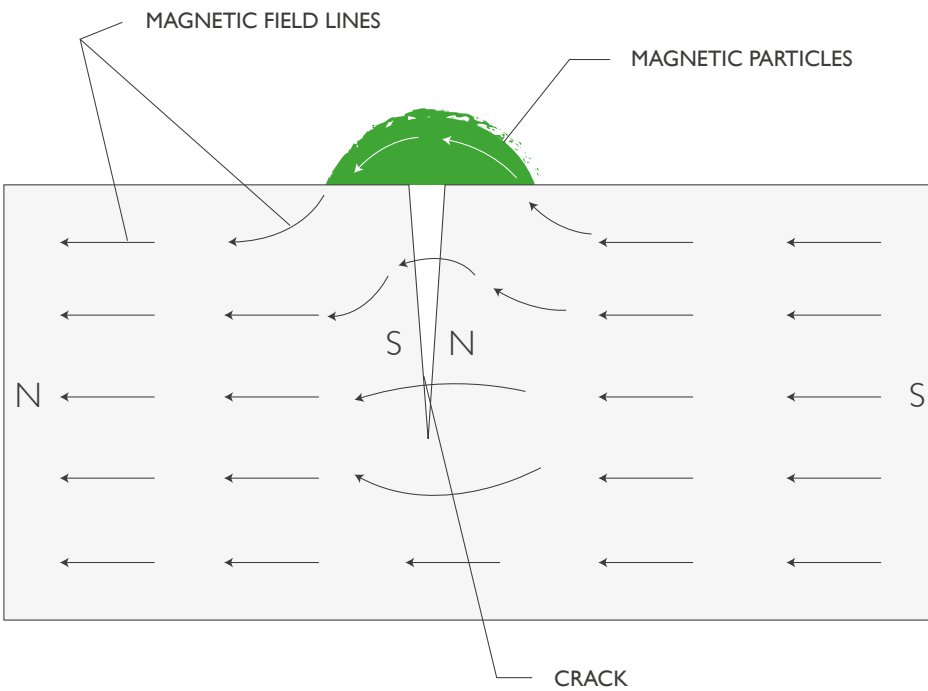
# Magnetic crack detection

## FERILEV

### Pometon powders for magnetic crack detection

FERILEV powders detect discontinuities and cracks on mechanical parts, welds, molten ferrous pieces and are used in the non-destructive magnetic rapid control. They are supplied in titanium white colour.

If the ferrous piece has a discontinuity, the crack itself create a distortion of the magnetic field.



With the use of Ferilev powders, supplied also in titanium white color, it is possible to detect the dispersion of magnetic flux at the cracks.

## STANDARD GRADES

Physical properties		FERILEV	
		MT 106/3.7	RI 106/3.2
Chemical properties	Ot %	0,90 max	0,25 max
	C %	0,050 max	0,010 max
	S %	0,015 max	0,010 max
Flow rate	s/50 g	20 ± 4	24 ± 3
Apparent density	g/cm <sup>2</sup>	3,75 ± 0,20	3,20 ± 0,20
Particle Size % cum.	>250 µm		
	212 µm	0	0
	150 µm		
	106 µm	15 max	10 max
	75 µm		
	45 µm	75 - 95	80 - 90

