

Flame cutting

FERTAG

Pometon powders for Flame Cutting

FERTAG powders are used in special oxyacetylene torches and thermal lances where, once injected together with additional oxygen, generates heat, increasing the flame temperature and forming a highly abrasive jet. FERTAG is used in foundries to cut stainless steel, cast iron, copper and its alloys, to remove risers, in the iron and steel industry for ingot, superficial cleaning of large castings and slag or refractory coating demolition and in the mechanical industry.



STANDARD GRADES

Physical properties		FERTAG							
		MT 75/3.6	MT 106/3.7	MT 150/3.7	MT 150/3.2C	MT 212/3.3	MT 212/3.7	RI 150/3.4	RI 212/3.4
Chemical properties	O _t %	1,20 max	1,20 max	1,10 max	1,10 max	1,20 max	1,00 max	0,25 max	0,25 max
	C %	0,055 max	0,055 max	0,050 max	0,025 max	0,050 max	0,050 max	0,010 max	0,010 max
	S %	0,015 max	0,015 max	0,015 max	0,020 max	0,015 max	0,015 max	0,010 max	0,010 max
Flow rate	s/50 g	20 ± 3	20 ± 3	20 ± 3	24 ± 3	24 ± 5	20 ± 3	20 ± 3	20 ± 3
Apparent density	g/cm ³	3,70 ± 0,20	3,70 ± 0,20	3,70 ± 0,20	3,00 ± 0,20	3,40 ± 0,20	3,70 ± 0,20	3,40 ± 0,20	3,40 ± 0,20
Particle Size % cum.	>250 µm					0	0		0
	212 µm					5 max	5 max	0	5 max
	150 µm	0	0	1 max	1 max			1 max	
	106 µm		10 max						
	75 µm	15 max							
	45 µm	25 - 45	40 - 70	55 - 75	60 - 80	15 - 40	65 - 87	45 - 85	60 - 85