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# AV10-BLACK PIGMENT

## SPECIAL BLACK PIGMENT FOR GYPSUM

### Physical-chemical characteristics

Physical aspect	: black powder
Chemical formula	: Fe <sub>3</sub> O <sub>4</sub>
Solubility in water	: very dispersible
Color	: black pigment 11
Weather stability	: excellent
Stability to light (scale 1-8)	: 8
Solvent stability	: excellent
Stability to acids	: sufficient
Stability to alkali	: excellent
Water stability	: excellent
Heat stability	: 80 ° C

Technical data	Methods of analysis	u.m.	Reference values
Fe <sub>2</sub> O <sub>3</sub> content	(ISO 1248)	%	93-95
Absolute density	(ISO 787-10)	g/ml	4.4 approx.
Bulk density	(ISO 787-11)	g/ml	0.8-1.3
Sieve residue (0.045 mm)	(ISO 787-7)	%	0.40 max
pH	(ISO 787-9)	pH	5-9
Soluble salts	(ISO 787-3)	%	0.5 max
Humidity	(ISO 787-2)	%	1.5 max
Oil absorption	(ISO 787-5)	g/100g	20-22

AV-10 BLACK PIGMENT concentrated able to make the synthetic gypsums of a black color. The final product obtained is particularly suitable for the production of high-quality objects.

### DOSAGES

Depending on the type of processing in which it is used, our experience recommends the use of 1 to 10 parts per thousand of product, but it is advisable to carry out preliminary tests to establish the correct dosage and performance.