



PIGMENTOS METÁLICOS
METALLIC PIGMENTS

PIGMENTOS DE ALUMINIO Y BRONCE
ALUMINUM AND BRONZE PIGMENTS

Pirotecnia Pyrotechnics

*Together creating
a brilliant world*

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PLANTA

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METALIC PIGMENTS FOR PYROTECHNICS

PRODUCTS

PRODUCT (Thunder)	Fat Free	Apparent Density	Wet Sieving	
	(%)		gm/cc	PASSES 71 μ
ALD	0.2 max.	0.55-0.65	99 min.	90 min.
ALM	0.1 max.	0.7-0.8	99 min.	90 min.
ALD-1	0.5 max.	0.55-0.65	99 min.	90 min.

PRODUCT (Flash)	Fat Free	Apparent Density	Mesh Retention
	(%)		gm/cc
ALSS-F	NA	NA	Retention M-10.- 1% max.
ALSS-C	NA	NA	Retention M-20.- 1% max.
ALB	0.15 max.	0.18-0.22	Retention M-100.- 20% max. Retention M-325.- 85% max.
ALG	2 max.	0.25 max	Pass M-100.- 60-80 %
ALXG	NA	0.12-0.40	Retention M-20.- 5% max. Pass M-200.- 5% max
ALBF	1 max.	0.25-0.28	Retention M-100.- 15% max. Retention M-325.- 85% max.
ALLG	NA	0.25-0.29	Retention M-10.- 95% min.
ALLM	NA	0.22-0.26	Retention M-20.- 95% min.
ALLF	NA	0.18-0.22	Retention M-30.- 95% min.
ALLXF	NA	0.17-0.21	Retention M-50.- 95% min.
ALT	NA	1.3-1.5	23-26 (microns)
ALF	2 max.	NA	22-26 (microns)
ALPG	2 max.	NA	28-33 (microns)

RECOMMENDATIONS FOR USE

In order for the aluminum pigments to provide the best performance, the following points should be considered:

- It is essential to carry out verifications at scale, in order to determine the correct sequence for product manufacturing before proceeding to a large-scale process.
- Extreme caution should be observed regarding the raw materials purity, avoiding impurities that can damage the desired effect when burned.
- They must be dry, acid free and stable in air.
- Store the product in a dry, cold place, away from fire or heat generation points.
- Handle only with anti-spark shovels or ladles, preferably aluminum or brass.
- Electric ground the drums and pails before handling the product.
- Production equipment must be grounded to remove static electricity.
- Forbid ignition sources in the productive area.

NOTES

* Prior to use and application of this product, consult the technical data sheet to consider other technical requirements and safety precautions.

*The information provided corresponds to the current technology, knowledge and experience. All the indications are given as guiding information and / or advice, so that METAPOL, S.A. DE C.V., disclaims any liability for its misuse.

