

ABRASIVOS MENDIOLA, S.L.



Carretera Bilbao-Plencia, nº 19
Telefs (94) 471 12 50 - 471 14 57
Fax (94) 453 39 52
48950 ASUA-ERANDIO(BIZKAIA)
E-mail: mendiola1@abrasivosmendiola.com
www.abrasivosmendiola.com

TECHNICAL CHARACTERISTICS

Name: Iron Silicate (Copper Slag)

Main Application: Abrasive

STANDARD CHARACTERISTICS TO ALL PRODUCTS

▪ **Physical characteristics according to norm ISO 11126-3:1993**

- Colour : Black crystalline
- Grain : Angular
- Apparent density : 3.3-3.9 Kg/dm³.
- Hardness : 7 Mosh Scale

• Chemical characteristics.		Maximum	Minimum
▪ Iron	(%Fe ₂ O ₃)	38	25
▪ Silica	(%SiO ₂)	32	20
▪ Zinc	(%ZnO)	10	5
▪ Aluminium	(%Al ₂ O ₃)	14	6
▪ Calcium	(%CaO)	8	3
▪ Copper	(%CuO)	0,9	0,3

CODES AND IDENTIFICATION OF STANDARD PRODUCTS IN ACCORDANCE WITH THEIR GRAINSIZE ANALYSIS ISO STANDARD 11127-2:1993

PRODUCT	LIGHT mm	>3,15	>2,80	0,20 – 2,80	<0,20
M-8 (0,2mm-2,8mm)	MAXIMUM	0%	10%	100%	5%

PRODUCT	LIGHT mm	>1,40	0,50 – 1,40	<0,50	<0,20
M-25 (0,2mm-1,4mm)	MAXIMUM	10%	100%	15%	5%

PRODUCT	LIGHT mm		>0,50	0,20 – 0,50	<0,20
M-60 (0,2mm-0,5mm)	MAXIMUM		10%	100%	5%

M-8: Suitable abrasive to the succes of achieving high levels of roghness. Treatment for high level corrosion surfaces.

M-25: Appropriate for new steels treatments, middle roghness, high performance and low abrasive consumption.

M-60: Low roghness, pickling for the first coats of paint, recommended for wood treatment.