

AMPERIT[®] 538

Chemical Formula	WC-WB-Co 60-30-10
Chemical Name	Tungsten Carbide-Tungsten Boride-Cobalt
Description of Product	Agglomerated, Sintered
Grades Available	Product Designation
	AMPERIT [®] 538.074 45/15 µm

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [µg/g])

Co	9.0 - 11.0	%
B	1.0 - 2.0	%
C _{tot}	3.5 - 4.0	%

Physical Characteristics

Particle Size Distribution¹⁾

- 88 µm	100	%
D 90 %	47 - 57	µm
D 50 %	29 - 35	µm
D 10 %	17 - 21	µm
Apparent Density acc. ASTM B 212	4.1 - 4.7	g/cm ³

1) MICROTRAC by Laser Light Diffraction per ASTM C 1070.

Number PD-4082
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Packaging	Standard Packaging 5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box.
Storage and Handling	Storage and handling are subject to the rules and regulations in the country of use.
Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)	Respiratory sensitisation Category 1 Skin sensitisation Category 1 Eye irritation Category 2 Reproductive toxicity Category 2 Acute aquatic toxicity Category 1 Chronic aquatic toxicity Category 1.
Documentation	An inspection document in accordance with EN 10204 is supplied with every shipment.
Remarks	Always mix well before using.

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