

AMPERSINT[®] MAP Ni

HS Number 750400

Grades Available **Product Designation**
AMPERSINT[®] MAP Ni

Applications High performance Ni powder, especially for fine grained and sub- μm hard metals. Improved dispersion behaviour in wet milling, reduced flaking and improved binder distribution after sintering.

Also recommended for paste and metal injection applications.

Chemical Characteristics

(Mass fraction in % [cg/g])

	Typical	Limit	Unit
O	0.5	max. 0.7	%
C	0.15	max. 0.30	%
Fe	0.05	max. 0.10	%

Physical Characteristics

D 50 % ¹⁾	4.5	max. 6.0	μm
D 95 % ¹⁾	10.0	max. 15.0	μm
Fisher Number	2.4	max. 3.0	μm

1) Microtrac by Laser Light Diffraction (Microtrac X100).

Packaging	1 kg and 3 kg in PE-Bags; 25 kg in steel drums with PE liner
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)	Carcinogenicity Category 2 Specific target organ toxicity – repeated exposure Category 1 Skin sensitisation Category 1 Chronic aquatic toxicity Category 3.
Documentation	An inspection document in accordance with EN 10204 is supplied with every shipment.

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