

AMPERIT[®] 291

Chemical Formula	NiAl 69-31
Description of Product	Fused / Crushed
Grades Available	Product Designation
	AMPERIT [®] 291.003 45/5 µm
	AMPERIT [®] 291.008 20/5 µm

Chemical Characteristics

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

Al	29 - 33 %
Fe	max. 1.0 %
Mn	max. 1.0 %
C	max. 0.25%
Ni	balance

Physical Characteristics

(Grain Size Distribution and Tolerances above / below max. in %)

Particel Size Distribution	291.003
+ 45 µm	max. 7 % ¹⁾
- 5 µm	max. 10 % ²⁾
	291.008
D 90 %	max. 39 µm ²⁾
D 50 %	16 - 23 µm ²⁾
D 10 %	min. 9 µm ²⁾

1) ROTAP Screening per ASTM B 214, 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070.

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)	Carcinogenicity Category 2 Specific target organ toxicity - repeated exposure Category 1 Skin sensitization Category 1 Chronic aquatic toxicity Category 3
Documentation	An inspection document in accordance with EN 10204 is supplied with every shipment.
Remarks	Always mix well before using. Other grain sizes on request.

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