

AMPERIT[®] 849

Chemical Formula	Y ₂ O ₃
Chemical Name	Yttria
Description of Product	Agglomerated, sintered
Particle Sizes Available	Product Designation
	AMPERIT [®] 849.007 90/16 µm
	AMPERIT [®] 849.054 45/10 µm
	AMPERIT [®] 849.071 25/ 5 µm

Chemical Characteristics

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

Y2O3	min. 99.9	%
Al	max. 50	ppm
Ca	max. 50	ppm
Fe	max. 50	ppm
Si	max. 500	ppm

Physical Characteristics

Particle Size Distribution	849.007²⁾	849.071²⁾
D 90 %	85 - 99 µm	26 - 31 µm
D 50 %	47 - 57 µm	15 - 20 µm
D 10 %	20 - 30 µm	9 - 13 µm
	849.054¹⁾	
+ 45 µm	max. 5	%
- 15 µm	max. 15	%
- 10 µm	max. 10	%

1) ALPINE Air Jet Screening; 2) MICROTRAC by Laser Light Diffraction per ASTM C 1070.

Number	PD-4064
Issue	4-20.01.2015

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)	none.
Documentation	An inspection document in accordance with EN 10204 is supplied with every shipment.
Remarks	Always mix well before using.

Höganäs Germany GmbH

Im Schleeke 78-91
38642 Goslar/Germany

Säckinger Straße 51
79725 Laufenburg/Germany

Phone +49 5321 751-53753

<https://www.hoganas.com/en/contact/>

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