

VANADIUM CARBIDE, Coarse

Chemical Formula	VC
Chemical Name	Vanadium Carbide
Description of Product	Sintered
Grades Available	Product Designation
	Vanadium Carbide 90/45 μm
	Vanadium Carbide 45/ 5.6 μm
	Vanadium Carbide 160/63 μm

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [$\mu\text{g/g}$])

C _{tot}	17.4 - 19.0	%
O	max. 1.4	%

Physical Characteristics

Particle Size Distribution

	90/45 μm	45/5.6 μm	160/63 μm
- 160 μm^1			min. 95 %
- 90 μm^1	min. 95 %		
- 63 μm^1			max. 5 %
- 45 μm^1	max. 5 %	min. 95 %	
- 5.6 μm^2		max. 5 %	

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

Packaging	Standard Packaging: 50 kg in 30 l steel drum with polyethylene inlet.
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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