

23	50.9415	7	14.0067	6	12.0107
<b>V</b>	<sup>4</sup> F <sub>3/2</sub> 1,63	<b>N</b>	<sup>4</sup> S <sub>3/2</sub> 3,04	<b>C</b>	<sup>3</sup> P <sub>0</sub> 2,55
<b>Vanadium</b>		<b>Nitrogen</b>		<b>Carbon</b>	
6,11	6,7462	1,251	14,5341	2,26	11,2603
1910	3407	-210,1	-195,79	3550	4027
(m) 134	BCC	(v) 75	-	(v) 77	hex
[Ar] 3d <sup>3</sup> 4s <sup>2</sup> +2,3,4,5		[He] 2s <sup>2</sup> 2p <sup>3</sup> +2,3,4,5,-2,-3		[He] 2s <sup>2</sup> 2p <sup>2</sup> +2,4,-4	

# Nitrovan

## Typical content (% w/w)

Element	Grade A	Range	Grade B	Range
V	79	77 – 81	78	76 – 81
N	12	10 – 14	16	14 – 18
C	7	5 – 10	3	1 – 6
O	0,2	0 – 1,5	1	0 – 1,5
Al	0,15	-	0,15	-
Si	0,11	-	0,11	-
Mn	0,003	-	0,003	-
Fe	0,450	-	0,45	-
S	0,17	-	0,17	-
Cr	0,10	-	0,10	-
Cu	0,003	-	0,003	-
P	0,014	-	0,014	-

### Size

Oval briquettes with dimensions of 33x28x23 mm. Sieving: 95% 75 x 6 mm.

Density of briquette: approx. 3 g/cm<sup>3</sup>.  
Bulk density: 1.5 to 1.7 g/cm<sup>3</sup>.

### Packaging

100 paper bags with 10 Kg of Vanadium content each, inside a box-pallet of 1,000 kg of vanadium content.

### Delivery time

Prompt.

### Remarks

All our products shall be labelled with product name, reference number and net weight. Each delivery is accompanied by a certificate of analysis and the delivery note.

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