

DURMAT™ 456 Ni/Cr/B/Si

**Gas atomised
Thermal Spray Powder as per DIN EN 1274 — 2.16 —**

Application:

DURMAT 456 is rust and acid durable, resistant to heavy abrasion and heat. Based on the chemical composition it is more wear and corrosion resistant than DURMAT 453- Ni-Cr-B-Si of close 40 HRC-. **DURMAT 456** protects components that encounter heavy mechanical and mineral wear.

Chemical Composition:

Ni (%)	Cr (%)	B %	Si (%)	C (%)
Balance	16-17	3,3	3,8	0,8-1,0

Physical Properties:

Apparent Density (ISO 3923-2): 7,8-8,1g/cm³ *)

Hardness : 56-60HRC)

Particle Size Range (ISO 3310-1): 106/22µm

90/45 µm

45/22 µm

Others on request

Particle Shape: spherical

*) dependent from designated size

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