

# DURMAT<sup>®</sup> 456 NiCrBSi

gas atomized  
EN 1274 — 2.16 — \*)

## Application:

DURMAT<sup>®</sup> 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<sup>®</sup> 453. DURMAT<sup>®</sup> 456 protects components that encounter heavy mechanical and mineral wear.

## Chemical Composition (in wt-%):

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/cm <sup>3</sup> **)
Hardness:	56-60 HRC
Particle Size Range in µm *):	106/22 90/45 45/22
Particle Shape:	spherical

\*) According to EN 1274 3.3 or as per individual customer specification.

\*\*\*) Dependent from designated size.