

# DURMAT<sup>®</sup> AS-752

## Flux-cored Wire for Thermal Spraying EN ISO 14919 - 6 - 1.6 - 4

### Application:

NiCrBSi-Flux-cored wire for wear and corrosion protection, e.g. in chemical and food industry. Similar to DURMAT<sup>®</sup>-AS 753 but higher hardness and better abrasion resistance. Can be applied by Arc, Wire flame- or High-Velocity-Wire flame-Spraying (HVWFS). Fusing is possible. Dense (porosity <2%) and smooth layers with hardness of up to 800 HV<sub>0.1</sub>.

### Typical chemical Composition (in wt-%):\*

Cr	B	Ni	Si	C
18-21	2.5-3.5	balance	4.3-5.2	0.6-0.8

### Physical Characteristics:\*

Hardness: 800 HV<sub>0.1</sub>

### Sales Units:

Weight: 15 kg wire coil  
Diameter: 1.6 mm

### Processing Recommendations:

Preparation of the material by blasting, turning or grinding. This wire is suitable for all kind of industrial used Wire flame- and Arc-Spray equipment.

\* The indicated values are average values, which can deviate from the actual values because of different process parameters or existing porosities.