

Properties:

Hardness: 48-55 HRC

Density: 8.16g/cm³

Melting Range: 980-1,060°C

Description:

Deloro™ 50 is a hardfacing alloy that is excellent corrosion, wear-resistance, abrasion. It is used in the spray and powder weld processes. It has a low crack sensitivity and should be considered when mild impact is involved, which is achieved due to its loss of abrasion resistance. Deloro™ 50 is machinable and produces dense, hard corrosion resistant coatings.

Chemical Composition (Wt%)

Si	Fe	Cr	B	C	Ni
4.0	3.0	10.5	2.0	0.45	BAL

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.