

Weldite D Data Sheet

Parameters:

 Diameter:
 1/8"
 5/32"
 3/16"
 1/4"

 Current:
 DCRP
 DCRP
 DCRP
 DCRP

 Amperage:
 125-140
 140-160
 175-200
 200-250

Characteristics:

Hardness as deposited on Carbon steel: 60-62

Hardness as deposited on Manganese: 56-60

Hardness as deposited on all weld-metal: 63-68

Deposit Layers: 2 maximum

Description:

Weldite D is the hardest hardfacing electrode besides tungsten carbide. Best for parts subject to impact and abrasion. Weldite D can be applied to AC or DC with straight or reverse polarity. Reverse is recommended but straight can be used for an increased deposit.

Weldite D has an excellent abrasion resistance, and moderate compressive strengths and impact resistance. Weldite D has surface checks, and no machineable or forgeable deposits. It is slightly magnetic on carbon steel.

Contains: Carbon, manganese, molybdenum, boron and chromium.

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 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.