

Weartech International NOREM 02A Iron Hardfacing & Wear Resistant Alloy

Category : Metal , Ferrous Metal

Material Notes:

Applications: for cobalt-free components in nuclear applications, valves
Information provided by Weartech International, Norem is a registered trademark of Electric Power Research Institute

Order this product through the following link:

http://www.lookpolymers.com/polymer_Weartech-International-NOREM-02A-Iron-Hardfacing-Wear-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	36 - 42	36 - 42	

Component Elements Properties	Metric	English	Comments
Carbon, C	1.25 %	1.25 %	
Chromium, Cr	25 %	25 %	
Iron, Fe	59.89 %	59.89 %	
Manganese, Mn	4.5 %	4.5 %	
Molybdenum, Mo	2.0 %	2.0 %	
Nickel, Ni	4.0 %	4.0 %	
Nitrogen, N	<= 0.060 %	<= 0.060 %	
Silicon, Si	3.3 %	3.3 %	

Descriptive Properties	Value	Comments
Relative Wear Performance	Cold Abrasion	Good/Moderate
	Corrosion	Not Recommended
	Erosion	Excellent
	Hot Abrasion	Not Recommended
	Impact	Not Recommended
	Metal to Metal	Excellent

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