

MetalTek WCB UNS J13345 Cast Alloy Steel

Category : Metal , Ferrous Metal , Alloy Steel , AISI 4000 Series Steel

Material Notes:

General structural use.Applications: Cylinders, rolls, hollow shafts.Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-WCB-UNS-J13345-Cast-Alloy-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	255	255	
Tensile Strength, Ultimate	480 - 655 MPa	69600 - 95000 psi	
Tensile Strength, Yield	>= 275 MPa	>= 39900 psi	
Elongation at Break	>= 22 %	>= 22 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.30 %	<= 0.30 %	
Iron, Fe	>= 98.1 %	>= 98.1 %	As Balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Silicon, Si	<= 0.60 %	<= 0.60 %	

Descriptive Properties	Value	Comments
Heat Treatment	Quench & Temper	

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