

ThyssenKrupp XAR® PRIME Structural Steel

Category : Metal , Ferrous Metal , Carbon Steel , Low Carbon Steel

Material Notes:

This Material Specification applies to normalized or normalized rolled plates in thicknesses up to 50mm made of the wear-resistant special structural steel XAR® PRIME. Application: The steel may be used for wear-exposed structures, e.g. excavating, mining and earth-moving machinery, truck dump bodies, conveying, crushing and pulverizing equipment, scrap presses and other machinery. Information Provided by Thyssen Krupp

Order this product through the following link:

http://www.lookpolymers.com/polymer_ThyssenKrupp-XAR-PRIME-Structural-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	240	240	
	@Thickness >=20.0 mm	@Thickness >=0.787 in	
	270	270	
	@Thickness <=20.0 mm	@Thickness <=0.787 in	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 1.2 %	<= 1.2 %	
Boron, B	<= 0.0050 %	<= 0.0050 %	
Carbon, C	<= 0.21 %	<= 0.21 %	
Chromium, Cr	<= 1.2 %	<= 1.2 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Molybdenum, Mo	<= 0.30 %	<= 0.30 %	
Phosphorous, P	<= 0.025 %	<= 0.025 %	
Silicon, Si	<= 0.65 %	<= 0.65 %	
Sulfur, S	<= 0.025 %	<= 0.025 %	

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