

SSAB Tunnplat Dogal 220 RP High-strength Metal-coated Steel

Category : Metal , Ferrous Metal , Alloy Steel , Low Alloy Steel

Material Notes:

High-strength Metal-coated SteelComments: Dogal RP - rephosphorized. Iron content is approximate - exact composition is not reported by the manufacturer.Data provided by SSAB Tunnplat.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SSAB-Tunnplat-Dogal-220-RP-High-strength-Metal-coated-Steel.php

Physical Properties	Metric	English	Comments
Density	7.87 g/cc	0.284 lb/in ³	Estimated by MatWeb

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	340 - 420 MPa	49300 - 60900 psi	
Tensile Strength, Yield	220 - 280 MPa @Strain 0.200 %	31900 - 40600 psi @Strain 0.200 %	
Elongation at Break	>= 30 %	>= 30 %	A₈₀; For thicknesses < 0.70 mm values 2% lower apply
Bend Radius, Minimum	>= 0.50 t	>= 0.50 t	90° bending; avoid bending and rebending

Component Elements Properties	Metric	English	Comments
Iron, Fe	98 %	98 %	

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