

SSAB Tunnplat Aluzink F30A Metal-coated Mild Steel

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

Material Notes:

Metal-coated Mild Steel Comments: Aluzink - Aluminum-zinc coated sheet. Property values are for thicknesses 0.4 - 2.00 mm. 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-Aluzink-F30A-Metal-coated-Mild-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	<= 380 MPa	<= 55100 psi	
Tensile Strength, Yield	<= 260 MPa @Strain 0.200 %, Thickness <=0.700 mm	<= 37700 psi @Strain 0.200 %, Thickness <=0.0276 in	20 MPa higher apply
Elongation at Break	>= 30 %	>= 30 %	A₈₀; For thicknesses < 0.70 mm values 2% lower apply
Bend Radius, Minimum	>= 1.0 t	>= 1.0 t	90° bending; avoid bending and rebending

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

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