

SSAB Tunplatt Docol® 260 BH High-strength Steel

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

Material Notes:

High-strength Steel Comments: Docol BH - Cold Rolled Steel - rephosphorized steel with bake hardening effect. Property values are for cold-rolled steel; thicknesses 0.40 - 2.0 mm. Iron content is approximate - exact composition is not reported by the manufacturer. Data provided by SSAB Tunplatt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SSAB-Tunplatt-Docol-260-BH-High-strength-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 - 460 MPa	55100 - 66700 psi	
Tensile Strength, Yield	260 - 320 MPa	37700 - 46400 psi	
	@Strain 0.200 %	@Strain 0.200 %	
	>= 310 MPa	>= 45000 psi	bake hardening after 2% strain and heating to 170°C for 20 min.
	@Strain 2.00 %	@Strain 2.00 %	
Elongation at Break	>= 28 %	>= 28 %	A ₈₀

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

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