

SSAB Tunplatt Domex® 420XP Extra High-strength Cold-forming Steel

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

Material Notes:

Extra High-strength Cold-forming Steel, HSLA Characteristics: Domex® is the brand name of hot rolled products from SSAB Tunplatt. Domex® cold-forming steels are modern structural steels. General use of Domex® high strength steels offers a number of benefits compared to ordinary structural steels: Lower weight, Simpler production, Lower creep rate, Longer useful life, Higher load-bearing capacity, Lower transport costs, Reduced stocks, Lower overall cost. Iron content is approximate - exact value 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-Domex-420XP-Extra-High-strength-Cold-forming-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	>= 480 MPa	>= 69600 psi	
Tensile Strength, Yield	>= 420 MPa	>= 60900 psi	
Elongation at Break	>= 21 %	>= 21 %	A₅

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

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