

SSAB Tunnplat Domex® 200 Cold-forming Steel

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

Material Notes:

Cold-forming Steel Characteristics: Domex® is specifically intended for deep-drawing operations. Due to its close tolerances and fine surfaces, hot-rolled Domex 200 can replace cold reduced deep-drawing steel in some uses. Typical uses include pressed parts such as mountings, brackets, beams, and wheels. Property data is for hot-rolled steel. Iron content is approximate - exact value is not reported by the manufacturer. Domex® is the brand name of hot rolled products from SSAB Tunnplat. 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. Data provided by SSAB Tunnplat.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SSAB-Tunnplat-Domex-200-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	<= 400 MPa	<= 58000 psi	
Tensile Strength, Yield	>= 200 MPa	>= 29000 psi	Recommendation only
Elongation at Break	>= 37 %	>= 37 %	A₅

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

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