

## SSAB Tunplatt Domex® 420YP Cold-forming Steel, HSLA

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

### Material Notes:

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-420YP-Cold-forming-Steel-HSLA.php](http://www.lookpolymers.com/polymer_SSAB-Tunplatt-Domex-420YP-Cold-forming-Steel-HSLA.php)

Physical Properties	Metric	English	Comments
Density	7.87 g/cc	0.284 lb/in <sup>3</sup>	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 %	A<sub>5</sub>

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China