

## ThyssenKrupp TBL Structural Steel

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

### Material Notes:

This Material Specification applies to heavy plate with thicknesses up to 100 mm, made of the fine-grain structural steel TBL. Application: The steel may be used for welded constructions of different types such as harrows and ploughs. Properties typical of 15 mm plate thickness. Information Provided by Thyssen Krupp

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ThyssenKrupp-TBL-Structural-Steel.php](http://www.lookpolymers.com/polymer_ThyssenKrupp-TBL-Structural-Steel.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	580 MPa	84100 psi	
Tensile Strength, Yield	400 MPa	58000 psi	
Elongation at Break	18 %	18 %	

Component Elements Properties	Metric	English	Comments
Boron, B	0.00080 - 0.0040 %	0.00080 - 0.0040 %	
Carbon, C	0.25 - 0.30 %	0.25 - 0.30 %	
Chromium, Cr	<= 0.50 %	<= 0.50 %	
Manganese, Mn	1.1 - 1.3 %	1.1 - 1.3 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 0.40 %	<= 0.40 %	
Sulfur, S	<= 0.040 %	<= 0.040 %	

## 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