

## SSAB Tunnplat Aluzink 420A YP High-strength Metal-coated Steel

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

**Material Notes:**

High-strength Metal-coated Steel Comments: Aluzink YP - HSLA steel (aluminum-zinc coated sheet). Property values are for thicknesses 0.4 - 2.0 mm. Iron content is approximate - exact composition is not reported by the manufacturer. Data provided by SSAB Tunnplat.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SSAB-Tunnplat-Aluzink-420A-YP-High-strength-Metal-coated-Steel.php](http://www.lookpolymers.com/polymer_SSAB-Tunnplat-Aluzink-420A-YP-High-strength-Metal-coated-Steel.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	490 - 560 MPa	71100 - 81200 psi	
Tensile Strength, Yield	420 - 490 MPa @Strain 0.200 %	60900 - 71100 psi @Strain 0.200 %	
Elongation at Break	>= 18 %	>= 18 %	A <sub>&gt;80</sub> ; For thicknesses < 0.70 mm values 2% lower apply
Bend Radius, Minimum	>= 1.0 t	>= 1.0 t	90° bending; avoid bending and rebending

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