

## AK Steel Cold Rolled Carbon Steel, Bake Hardenable (BH 180), SAE J2340 Type 180 B

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

**Material Notes:**

Information provided by AK Steel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_AK-Steel-Cold-Rolled-Carbon-Steel-Bake-Hardenable-BH-180-SAE-J2340-Type-180-B.php](http://www.lookpolymers.com/polymer_AK-Steel-Cold-Rolled-Carbon-Steel-Bake-Hardenable-BH-180-SAE-J2340-Type-180-B.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 300 MPa	>= 43500 psi	
Tensile Strength, Yield	>= 180 MPa	>= 26100 psi	
Modulus of Elasticity	200 GPa	29000 ksi	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	0.481 J/g-°C @Temperature 50.0 - 100 °C	0.115 BTU/lb-°F @Temperature 122 - 212 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000142 ohm-cm	0.0000142 ohm-cm	

### 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