

AK Steel Hot Rolled Carbon Steel, Commercial Steel (CS Type B), Standard Grade

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

Material Notes:

May be moderately formed. A specimen cut in any direction can be bent flat on itself without cracking. Information provided by AK Steel

Order this product through the following link:

http://www.lookpolymers.com/polymer_AK-Steel-Hot-Rolled-Carbon-Steel-Commercial-Steel-CS-Type-B-Standard-Grade.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	61	61	
Tensile Strength, Ultimate	360 MPa	52200 psi	
Tensile Strength, Yield	270 MPa	39200 psi	
Elongation at Break	39 %	39 %	
Modulus of Elasticity	200 GPa	29000 ksi	

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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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