

## AK Steel ZINCGRIP® ELECTRASMOOTH® Electrogalvanized Carbon Steel, Bake Hardenable (BH 250)

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

### Material Notes:

Brake Hardenable steels offer good formability and an increase in strength after paint bake. Information provided by AK Steel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_AK-Steel-ZINCGRIP-ELECTRASMOOTH-Electrogalvanized-Carbon-Steel-Bake-Hardenable-BH-250.php](http://www.lookpolymers.com/polymer_AK-Steel-ZINCGRIP-ELECTRASMOOTH-Electrogalvanized-Carbon-Steel-Bake-Hardenable-BH-250.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	>= 352 MPa	>= 51100 psi	
Tensile Strength, Yield	>= 238 MPa	>= 34500 psi	
Elongation at Break	>= 38 %	>= 38 %	
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.

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