

AK Steel ZINCGRIP® 255, Grade 37 Hot Dip Galvanized Carbon Steel, Structural Steel (SS)

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-ZINCGRIP-255-Grade-37-Hot-Dip-Galvanized-Carbon-Steel-Structural-Steel-SS.php

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

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------|--------------|----------|
| Tensile Strength, Ultimate | >= 360 MPa | >= 52200 psi | |
| Tensile Strength, Yield | >= 255 MPa | >= 37000 psi | |
| Elongation at Break | >= 18 % | >= 18 % | |
| 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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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