

Standards

| | |
|-------------|------------------|
| TS EN 14700 | : E Fe 1 |
| EN 14700 | : E Fe 1 |
| DIN 8555 | : E 1 - UM - 300 |

Mechanical Properties

| |
|-------------------------|
| Hardness (HB) |
| 325 - 350 |

Features and Applications

- Weld metal has high machinability and high efficiency
- Risk of cracking is very low
- Used in joining of high tensile strength steels, some parts exposed to impact and abrasion as a buffering and filler electrode
- Rails, switches and crossings, ladles, gear parts, crane wheels are typical application areas of this electrode

Resistance Type and Level

Friction



Impact



High Temp



Thermo Shock



Corrosive



Crack Resistance



Machining



Flux Cored Wire

GeKaTec HARDCOR 300 G

GeKaTec HARDCOR 300 O

Current Type

D.C.(+) / AC

Operating Data

| Product Code | Diameter x Length (mm) / (inch) | | Welding Current (A) | Package Weight (Kg) | Weight g / 100 pcs |
|--------------|------------------------------------|-------------|------------------------|------------------------|-----------------------|
| | | | | | |
| 3030100052 | 3.20 x 350 | 1/8 x 14" | 100-140 | 5 | 3645 |
| 3030100053 | 4.00 x 350 | 5/32 x 14 " | 140-180 | 5 | 5300 |

Approvals: SEPRO