



HASÇELİK

HAS ÇELİK ve HALAT SANAYİ TİCARET A.Ş.

ÇELİK TEL VE HALAT FABRİKASI

Erciyes Mah. Hes Cad. No: 67 PK. 38210 Hacılar / KAYSERİ

Tel : 0352 442 16 40 (8 Hat) Faks : 0352 442 16 44

www.hascelik.com.tr • hascelik@hascelik.com.tr

MILL'S TEST CERTIFICATE



DATE : 17.03.2025

NO : 25003458
ORDERING COMPANY : KAPTAN ÇELİK HALAT SAN.TİC.A.Ş.

DIAMETER (mm) : 28,00

LAY : s/Z

LUBRICATION : A2

REEL NO : 1113479245

STANDARD : TS EN 12385-4

TENSILE STRENGTH (N/mm²) : 1960

LENGTH (M) : 1000

CONSTRUCTION : 6x36 WS IWRC

COATING : GALVANIZED

CHEMICAL ANALYSE OF WIRE ROD:

| C % | Si % | Mn % | P max% | S max% |
|-------------|-----------|-----------|--------|--------|
| 0,45 - 0,75 | 0,10-0,30 | 0,50-0,80 | 0,030 | 0,030 |

TEST RESULTS:

| Number of wires | Diameter (mm) | Tensile Strength (N/mm ²) | Bend test (Number) | Torsion test (Number) | Zinc (gr/m ²) | Test on knotted wire (daN) |
|-----------------|---------------|---------------------------------------|--------------------|-----------------------|---------------------------|----------------------------|
| 6 | 1,78 | 2032 | 15 | 30 | 105 | |
| 42 | 1,32 | 2041 | 15 | 33 | 99 | |
| 42 | 1,28 | 2047 | 22 | 43 | 104 | |
| 42 | 0,99 | 2057 | 17 | 39 | 84 | |
| 84 | 1,59 | 2022 | 22 | 35 | 111 | |
| 1 | 1,43 | 2064 | 16 | 30 | 113 | |
| 6 | 1,30 | 2047 | 22 | 32 | 95 | |
| 6 | 1,23 | 2028 | 21 | 40 | 102 | |
| 36 | 1,12 | 2051 | 17 | 33 | 94 | |

We hereby certify that the commodity is inspected according to EN 12385 and found good in all respects as stated above. You can use QR CODE for certificate verification

Minimum Breaking Load : 548 KN

Actual Breaking Load : 560 KN

Hatice VURAL
HASÇELİK GROUP
QUALITY AND ENVIRONMENT
MANAGER

TİCARET SİCİL NO : 14905
MİMARŞİNAN V.D. : 4580010964



DNV



TSE ISO 14000