

TEST REPORT 2.2

TEST REPORT

as per : EN 10204

No. : 19028-2166079

Kilkenny Welding Supplies Ltd.

Timahoe Road
Portlaoise
Co. Laoise
IRELAND

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| | | | |
|----------------------|-------------------------------------|----|-------------------|
| Pur. order no. | KK003696 | | 237922 |
| PO No. | 1018020227 | | |
| Dispatch No. | 2018022579 / 3 | of | 08-04-2026 |
| Examined part | Covered electrode | | 19028 Y1011A11 |
| Trade designation | HILCO RED EXTRA 2,5 x 350 mm | | |
| Standard designation | EN ISO 2560-A: E 42 0 RC 11 | | AWS A5.1 : E6013 |
| Marking of product | | | |
| Lot-/heat no. | 2166079 | | |
| Delivered qty. | 225,00 KG | | |

Chemical composition in % All-weld metal

| Lot/heat | C | Si | Mn | P | S | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|--|
| 2166079 | 0,090 | 0,400 | 0,400 | 0,013 | 0,007 | | | | | | | | | | | |

| Tensile test as per EN 10002-1 | | | | Specimen preparation EN 876 | | | |
|--------------------------------|-----------------------|---------------------------|---------------------------------------|-------------------------------|----------------------------|---------------------|------|
| | Test temp. T °C | Yield point ReH MPa | Yield Strength Rp 0,2% Mpa 1,0% | Tensile Strength Rm MPa | Elongation A % Lo=5d | Reduction Z % | Note |
| Minimum | 20 °C for Rm | | 420 | 510 | 22 | | |
| Maximum | | | | | | | |

| Impac test as per EN 10045-1 | | | Specimen preparation EN 875 VWT 0/b | | | |
|------------------------------|-----------------------|---------------------------------------|-------------------------------------|---|------------------------|------|
| | Test temp. T °C | Absorbing energy minimum values KV | Average J | lat. expansion lateral expansion mm | Shear fracture % | Note |
| | 20 °C for KV | 47 | | | | |
| | 0 °C for KV | 47 | | | | |

Note

Loc. Haarlem Date 08-04-2026 This certificate was issued by DP-equipment and does not require signature. Authorized inspection representative Johan Reemer



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ABN AMRO Bank N.V.
For payment in €:
Account nr: 41.00.39.691
IBAN nr: NL51 ABNA 0410 0396 91
BIC: ABNANL2A

For payment in USD:
Account nr: 41.00.65.854
IBAN nr: NL04 ABNA 0410 0658 54
BIC: ABNANL2A



BIJ KONINKLIJKE BESCHIKKING HOFLEVERANCIER
BY APPOINTMENT TO THE COURT OF THE NETHERLANDS
FOURNISSEUR DE LA COUR PAR ORDONNANCE ROYALE
DURCH KÖNIGLICHEN ERLASS HOFLIEFERANT
PROVEEDORES DE LA REAL CASA DE LOS PAISES BAJOS