

CERTIFIED MATERIAL REPORT

CMR No. : 1905153700001

Date of Issue : 2019-05-15

| | | | |
|---------------|---|-----------------------|------------|
| Customer | HYUNDAI WELDING EUROPE OFFICE | | |
| Trade Name | SC-600HM | Size | 1.2mm*15kg |
| Lot No. | 20004424AA9DE2 | Purchaser's Order No. | - |
| Specification | DIN 8555 MSG 6-GF-60-P * According to EN 10204-2004 : 3.1 | | |

| | | | | | |
|-----------------|------|---------------|-------------|-----------------------------------|-----------|
| Welding Current | DCEP | Shielding Gas | 80%Ar+20%CO | Post Weld Heat Treatment (x hr.) | AS WELDED |
|-----------------|------|---------------|-------------|-----------------------------------|-----------|

| | | | | | | | | |
|-----------------------|--------------|---------|-------|---------------------------|----|----|----|------|
| Mechanical Properties | Tensile Test | | | Impact Test (CVN - Joule) | | | | |
| | YS(MPa) | TS(MPa) | EL(%) | Temp.() | X1 | X2 | X3 | Avg. |
| | - | - | - | | - | - | - | - |

| | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|
| DIN Spec. | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|

Chemical Composition (%)

| | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|--|--|--|--|--|--|
| (Weld Metal) DIN Spec. | C | Si | Mn | Cr | Mo | | | | | | |
| | 0.48 | 0.47 | 1.65 | 5.75 | 0.37 | | | | | | |
| | - | - | - | - | - | | | | | | |

*Hardness Test (HRC) : 60

Others

We hereby certify that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.

Approved by

K.W. Park

QA Manager Park K. W.



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