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| MILL NO 소재 번호 | | PRO- DUCT NO. 제품 번호 | WEIGHT 제품중량 Kg | D I A 선 경 mm | LENGTH 길 이 mm | ROUND -NESS 편경차 mm | PHYSICAL PROPERTIES 물리적 성질검사 | | | | | | | | | APPEAR -ANCE 외 관 | |
|------------------|-------------|---------------------------------|----------------------|--------------------|---------------------|-----------------------------|---------------------------------|-----------------------|----|-----|----------|-------|-----------------|-----|---------------------------|------------------------|---------------------|
| Heat No | Coil No | | | | | | Y.S | T.S | EL | R.A | HARDNESS | S.A | DECARBURIZATION | | CARBURI -ZATION Y/Z | | ST'GT 직진도 m/M |
| SPEC | MAX MIN | | | | | | kgf / mm ² | kgf / mm ² | % | % | HrB | GRADE | DmF | DmT | | | |
| S81947 | 81010290011 | 0120 | 780 | 17.980 | 6030.0 | 0.005 | | | | | 103 | | | | | 0.35 | GOOD |
| TOTAL | | 1 | 780 | REMARK : | | | | | | | | | | | | | |

| MILL NO. 소재 번호 | | CHEMICAL COMPOSITION(%) 화 학 성 분 | | | | | | | | | | | | | | | |
|-------------------|-------------|------------------------------------|------|-------|------|----|--------------|------------|--------------|----|--------|----|---|----|---|----|--|
| Heat No | Coil No | C | Si | Mn | P | S | Cr | Mo | Ni | Cu | So1-Al | Pb | B | Ti | V | Bi | |
| SPEC | MAX MIN | 3 | 100 | 200 | 45 | 30 | 1800 1600 | 300 200 | 1400 1000 | | | | | | | | |
| S81947 | 81010290011 | 2.8 | 49.7 | 148.7 | 30.7 | 4 | 1673.1 | 203 | 1035.8 | 37 | | | | | | | |

SURVEYOR TO

NOTE(주) T.S:Tensile Strength Y.S:Yield Strength EL:Elongation R.A:Reduction of Area S.A:Sepheroidized Annealing
DmF:Decarburized microscope Ferrite DmT:Decarburized microscope Total ST'GT:Straightness

WE HEREBY CERTIFY THAT MATERIAL HAS BEEN TESTED IN ACCORDANCE WITH THE SPECIFICATION.
상기 강재는 규정의 시험을 행하여 합격하였음을 증명합니다.

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