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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#12 65/30 TINNED COPPER .017" PVC
RoHS COMPLIANT
MIL 16878/2 TYPE C 105c - 1000 VOLT
MIL -W-76D TYPE MWP 90c - 1000 VOLT

CONDUCTOR: #12 65/30 TINNED COPPER 1-1/2" BUNCHED
APPROXIMATE NOMINAL O.D. .095"
APPROXIMATE CIRCULAR MILL AREA 6,500
WEIGHT PER THOUSAND FEET 20.40#
BASIC SPECIFICATION ASTM B 174

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 1000 VOLTS
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 7,100 VOLTS
FINISHED O.D. .129"
WEIGHT PER THOUSAND FEET 24.00#

REVISION: M1L-W-16878E/2 - NO PRINTING REQUIRED*
M1L-W-16878G/2 - PRINT REQUIRED*

* OUR STANDARD IS UNPRINTED, IF PRINTING IS REQUIRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

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