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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#20 SOLID TINNED COPPER .016" PVC
RoHS COMPLIANT
MIL-W-16878/2 TYPE C 105c-1000v
MIL-W-76D TYPE MWP 90c-1000v

CONDUCTOR:

#20 SOLID TINNED COPPER
APPROXIMATE NOMINAL O.D. .032"
APPROXIMATE CIRCULAR MILL AREA 1,021
WEIGHT PER THOUSAND FEET 3.12#
BASIC SPECIFICATION ASTM B 33

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. .064"
WEIGHT PER THOUSAND FEET 4.57#

REVISION:

MIL-DTL-16878G - PRINT REQUIRED*

* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

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