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Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Itasca, IL 60143
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#20 41/36 Tinned Copper .025" PVC Single Conductor Insulated Wire

CONDUCTORS: #20 41/36 TC SMOOTH BUNCH 1/2" LAY
 NOMINAL O.D. .038"
 APPROXIMATE CIRCULAR MILL AREA 1,025
 WEIGHT PER THOUSAND FEET 3.15#
 BASIC SPECIFICATION ASTM B 174

RoHS COMPLIANT PVC:
 TEMPERATURE RATING 105c
 VOLTAGE RATING 600 VOLTS
 ELONGATION 330% AVERAGE
 TENSILE STRENGTH 2450 PSI AVERAGE
 SPECIFIC GRAVITY 1.32
 DUROMETER (SHORE) 91 (A)
 OXYGEN INDEX 28
 BRITTLE POINT -24c

WIRE DIMENSIONS:
 CABLE DIAMETER .088 +/- .002
 SPARK TEST 8,000 VOLTS
 WEIGHT PER THOUSAND FEET 6.13#

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