



P/N:2007T3271-PINK

| RoHS | UL | COC | CSA |
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PREPARED BY:
HH LIM



Atlas Wire, LLC
Registered to ISO9001 and TS16949

MATERIAL SPECIFICATION SHEET

**#20 7/28 TC 1/32" PVC
XLPE INSULATED APPLIANCE WIRE
UL 3271 125c
TYPE CL 1251 600v CSA AWM 1-A/B FT2**

CONDUCTOR: #20 7/28 TC 3/4" LAY CONCENTRIC
APPROXIMATE NOMINAL O.D. .038"
APPROXIMATE CIRCULAR MILL AREA 1,118
WEIGHT PER THOUSAND FEET 3.40#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

CROSS LINKED POLYETHYLENE:

TEMPERATURE RATING 125c
VOLTAGE RATING 600 VOLTS
SPECIFIC GRAVITY 1.09
DUROMETER INSTANTANEOUS 53 SHORE D
DUROMETER 10 SECOND DELAY 48 SHORE D
TENSILE STRENGTH 2300 PSI AVERAGE
TENISLE ELONGATION AT BREAK 425%
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .100"
WEIGHT PER THOUSAND FEET 6.64#

UL 3271 USE: FOR USE AS MOTOR LEADS OR INTERNAL WIRING OF APPLIANCES. TAGS MAY INDICATE THE FOLLOWING 2,500 VOLT PEAK - FOR ELECTRONIC USE ONLY.