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Atlas Wire, LLC
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#10 105/30 TC 1/32" XLPE
RoHS COMPLIANT**

**10 AWG. E25635 RU AWM STYLE 3173 125C - 600V X-LINK
SUITABLE FOR "SWITCHBOARD WIRE" IN THE UNITED STATES
CSA 150272 CL1251 OR AWM I - A/B 125C 600V FT-2**

"

CONDUCTOR: #10 105/30 TINNED COPPER 2" BUNCH LAY
APPROXIMATE NOMINAL O.D. .121"
APPROXIMATE CIRCULAR MILL AREA 10,500
WEIGHT PER THOUSAND FEET 32.20#
BASIC SPECIFICATION ASTM B 174

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. .182"
WEIGHT PER THOUSAND FEET 39.33#

USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO
TEMPERATURES NOT EXCEEDING 125c.
SINGLE CONDUCTOR HAVING INSULATION FOR USE IN
ONLY SWITCHBOARD WIRING IN DRY LOCATIONS AT
90c.

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