



® **ATLAS WIRE LLC.**

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Atlas Wire, LLC
Registered to ISO9001:2015
and IATF 16949:2016
Itasca, IL 60143
Reference No. 10000854



Atlas Wire, LLC
Registered to ISO9001:2015
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#12 65/30 TC 1/32" XLPE
RoHS COMPLIANT
CROSS LINKED POLYETHYLENE INSULATED
UL APPLIANCE WIRE STYLE 3173 125c-600v
CSA TYPE CL 1251 600V 125C AWM I - A/B FT2

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

MOISTURE CURED
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 8,000 VOLTS
FINISHED O.D. .157"
WEIGHT PER THOUSAND FEET 26.32#

UL 3173 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO
TEMPERATURES NOT EXCEEDING 125c.