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

MATERIAL SPECIFICATION SHEET

#12 SOLID BC 1/32" PVC RoHS COMPLIANT

12 AWG. E25635 RU AWM 1015/1230 105C 600V OR
AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1
CSA 150272 TR-32 90C FT1 OR TEW 105C 600V FT1 OR AWM I A/B 105C 600V
O W 75C FT-1

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|-----------------------|--|---------------|
| CONDUCTOR: | #12 SOLID BARE COPPER | |
| | APPROXIMATE NOMINAL O.D. | .081" |
| | APPROXIMATE CIRCULAR MILL AREA | 6,529 |
| | WEIGHT PER THOUSAND FEET | 20.00# |
| | BASIC SPECIFICATION | ASTM B 33 |
| PVC: | TEMPERATURE RATING | 105c |
| | VOLTAGE RATING | 600 VOLTS |
| | ELONGATION | 330% AVG |
| | TENSILE STRENGTH | 2,450 PSI AVG |
| | SPECIFIC GRAVITY | 1.32 |
| | DUROMETER (SHORE) | 91 (A) |
| | OXYGEN INDEX | 28 |
| | BRITTLE POINT | -24c |
| | SPARK TESTED | 10,000 VOLTS |
| | FINISHED O.D. | .144" |
| | WEIGHT PER THOUSAND FEET | 26.56# |
| USE: | INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. | |
| UL1230,1335 : | MOISTURE RATING 60c. | |
| UL1032 : | 3,500v PEAK FOR ELECTRONIC USE ONLY | |
| UL 1015, 1013: | 2,500v PEAK FOR ELECTRONIC USE ONLY | |

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