



ATLAS WIRE LLC.
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

#28 SOLID TC .010" RoHS COMPLIANT AWM STYLE 1571 80C-30VOLT VW1

CONDUCTOR:	#28 SOLID TINNED COPPER	
	NOMINAL O.D.	.013"
	APPROXIMATE CIRCULAR MILL AREA	160
	WEIGHT PER THOUSAND FEET	0.49#
	BASIC SPECIFICATION	ASTM B-33
PVC:	TEMPERATURE RATING	80c
	VOLTAGE RATING	30V
	ELONGATION	240% AVERAGE
	SPECIFIC GRAVITY	1.30
	DUROMETER (SHORE)	63 (D)
	TENSILE STRENGTH	3500 PSI
	OXYGEN INDEX	29.5
	BRITTLE POINT	-30c
	SPARK TESTED	5,700 VOLTS
	FINISHED O.D.	.033"
	WEIGHT PER THOUSAND FEET	0.918#
USE:	INTERNAL WIRING OF CLASS 2 CIRCUITS IN ELECTRONIC EQUIPMENT.	

info@atlaswirecorp.com

Revision 03-27-17