

1. CONDUCTOR

Material: Tin Plated Copper
Construction: 22 AWG 7/.25 mm
Diameter: 0.75 ± 0.05 mm

2. INSULATION

Material: Crosslinked Polyvinyl Chloride
Wall thickness: 0.28 mm, nom.
Diameter: 1.32 ± 0.10 mm
Color: JASO Color Standard

3. PHYSICAL CHARACTERISTICS

Temperature rating: 105°C
Voltage Rating: 60V
Weight: 4.48 kg/km, nom.

4. PERFORMANCE PROPERTIES

Mechanical

Tensile Strength (JIS C 3005) 15.7 MPa, min.
Elongation (JIS C 3005) 125%, min.
Crosslinking Degree (JASO D 608) 40%, min.
Abrasion Resistance (JASO D 608)
7 N Load, 0.45 mm Blade 300 Cycles, min.

Electrical – JASO D 608

Dielectric Strength 1000V, 60 Hz, 60 sec
Spark Test 5000V_{ac}
Conductor
DC Resistance 54.8 mΩ/m, max.

Thermal – JASO D 608

Heat Resistance I (168 hrs @ 120°C)
1000V, 60 sec, No Cracks
Heat Resistance II (30 min @ 200°C)
No Cracks, No Melt
Flame Resistance 15 sec Burn, max.
Low Temperature Resistance (3 hrs @ -45°C)
1000V, 60 sec, No Cracks
Thermal Shrinkage (15 min @ 150°C) 4 %, max.

Chemical – JASO D 608

Oil Resistance (20 hrs @ 50°C)
1000V, 60 sec, No Cracks

5. REFERENCE SPECIFICATIONS

JASO D 608
JIS C 3005
JIS C 3152
Continental 40 365 445



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Date	Rev	By	Appr'd	ECN
10/20/07	--	ARJP	GBM	--
11/03/09	F	KP	EJK	09-644
08/22/18	G	RMB	RTB	18-1941
Customer Approval:				

Description: HOOKUP, TPC, XLPVC 105°C, 60V	
Specification Number: JW1171-07	Page: 1 of 1