

Product	C G2 - 0,67 mm				Sanction - IEC 60317-57
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	0,669		0,663 - 0,677 mm
	Overall diameter	Average value	0,726		< 0,749 mm
	Increase due to insulation	Average value	0,057		> 0,053 mm
	Roundness of conductor		0,000		< 0,010 mm
Mechanical properties checked following IEC 60851-3	Adherence	Jerk Test	OK		No loss of adhesion or crack
	Flexibility	Pre-elongation	0% - OK	Mandrel (mm) 0,67	No crack - Pre-elongation 0% - mandrel 0,67 mm
		Pre-elongation	15% - OK	Mandrel (mm) 0,67	
	Elongation		40%	-	> 28 %
	Springiness		45°	-	< 47°
Unidirectional abrasion	Mini	11,20 N	Average	11,40 N	
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	9,8 - 9,0 - 7,8 - 8,8 - 8,5 kV		> 4,8 kV
	Continuity of insulation	Voltage	3000 V	N° de faults 1 fault	< 5 faults / 1500 V
	Pine hole test		0 fault / 5 meters		< 3 faults / 5 meters
	Electrical resistance		0,04848 Ohm	-	0,04708 - 0,04994 Ohm
	Dielectric dissipation factor		278°C	-	
Thermal properties checked following IEC 60851-6	Cut Through		350°C	> 10 min	350 °C / > 2 min
	Heat shock	Pre-elongation	10%	Mandrel (mm) 0,67 Temperature 260°C	No crack - Pre-elongation 0% - mandrel 1,60 mm 240°C
Chemical properties checked following IEC 60851-4	Resistance to solvents	UNE (60% White Spirit - 30% Xylene - 10% Butanol en vol.)		Hardness 5H	> H
	Heat bonding				Test inappropriate
	Solderability				Test inappropriate