



# COLARUS GROUP

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## Insulation Tubing Product Specification Sheet

Item	Unit	Performance Index	Standards
Surface Density	Kg/m <sup>3</sup>	50-80	BS 476 Part 6 & 7 ASTM D 3575-91 GB/T6343
Flammability	—	Self Extinguishing	ASTM D 635-91 G88624
Fire Rating		Class 0 , Class 1 25/50	BS 476 Part 6 & 7 ASTM E-84
Average Extend of Burning	min	15	
Average Time Of Burning		Less than 5 sec.	UL-94
Thermal	-20°C	≤0.031	
Conductivity	0°C	≤0.033	ASTM C518 BS 874 1986 GB/T10294
	40°C	≤0.037	
Water Vapor	permeability	Perm - in	ASTM E 96-95 GB/T10294
penetrating		(W.s.Pa)	≥ 10000
Water absorption		%	≤3 ASTM D 3575-91 GB/T17794
(105°C ± 3°C , 7d) Dimension Stability		%	≤10.0 GB/T8811
Reboundrate after compression 50% 72h		%	≥70 GB/T6669
Aging resistance 150h	—	No wrinkle, no crack , no pinhole, no distort	GB/T16259
Temperature Range	°C	-40 to +120	GB/T17794
Resistance to Ozone		Excellet	ASTM 1149
Flexibility		Excellent	ASTM D 1056-85
Odour		Negligible	SAEJ 1351
Mildew Resistance		No Fungal Growth	ASTM G 21-80
Resistance to Chemicals		Very Good	
Copper Corrosion		Negligible	ASTM C 665-94
Cell Structure material		Closed	