

LFH Trunking Specification Data Sheet

Ref: JSP480 14th Edition January 2009

Application:

Trunking for use in Limited Fire Hazard areas (excepting underground Bunkers/Tunnels) Perimeter, and general trunking. General Purpose profiles where a higher level of fire retardancy and medium impact strength is required. The material meets the requirements of RoHS Directive 2002/95/EC and WEEE Directive 2002/96/EC:

Elite Compact	Apollo 3
Elite 3	Apollo 4
Elite 60	Juno

Accessories to suit above types.

General Specification:

Grade:

Arctic White, non-lead stabilised Rigid PVC-U
MARCOCOM 231/9

Standards:

Conforms to CIDA LFH as specified by JSP480 chapters 5 and 10.

Properties:

PROPERTY	STANDARD	METHOD	UNIT	VALUE
Density for naturals	BS2782	620A	g/cm ³	1.47
Vicat Softening Point	BS2782	120B	°C	76
VCM Content	EEC Directive	81/432/CEE	PPM	<1

ADDITIONAL PROPERTIES OF PVC-U	TEST	UNIT	TYPICAL VALUE
Rockwell Hardness R Scale	ASTM	Deg	115
Tensile Modulus 1% Strain at 23°C		MN/m ²	2,250
Tensile Strength @ Yield	BS2782	MPa	36
Coefficient of Thermal Expansion		°C	0.006 x 10 ⁻³
Thermal Conductivity @ 23°C		W/mK	0.16
Volume Resistivity	BS2782	Ohm cm	50x10 ¹³
Surface Resistivity	BS2782	Ohms	10x10 ¹³
Fire Retardancy	BS476	PT7	CL1