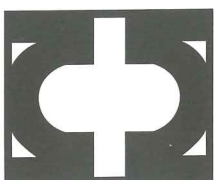


TECHNICAL DATA SHEET

PRODUCT: SUPERLON CLOSE CELL CLASS 1 & CLASS 0 NBR INSULATION FOAM

	VALUES			TEST METHODS	
Material Cell Structure Density Service Temperature	Nitrile Foamed Rubber Closed Cell 40kg/m ³ -70kg/m ³ Maximum 105°C pipes / (85°C for flat surfaces) Minimum -50°C				
FIRE RESISTANCE Surface Spread of Flames Fire Performance Fire Propagation Reaction to Fire	Class 1 Class 0 Total Index (I) ≤ 12 Sub Index (I _s) ≤ 6 V-0, Self Extinguishing, Does Not Drip			BS 476 Part 7 BS 476 Part 6	
Thermal Conductivity	Mean Temp	0°C	20°C	40°C	ASTM C518
	W/m·K	≤ 0.032	≤ 0.034	≤ 0.036	ASTM C177
Water Vapour Permeability	≤ 0.89 x 10 ⁻¹⁴ kg/Pa.m.s			ASTM E96	
Water Absorption by Volume	μ ≥ 12000 ≤ 0.2%			ASTM C209	
Ozone Resistance Corrosion Resistance Environment	Good No Corrosion Dust and Fibre Free CFC Free, Zero ODP, Zero GWP Formaldehyde Free Low Volatile Organic Compounds (VOCs) Low Smoke Toxicity RoHS Compliant No Fungal Growth Negligible Bacterial Growth			ASTM G155 ASTM D5116 JIS A 1901 JIS K 7217 RoHS ASTM G21 ASTM E2180	



世霸龍國際有限公司

SUPERLON WORLDWIDE SDN.BHD. (252355-U)

SST No: B10-1808-21013062