



Product Data Sheet

BAL-29 rated SE 444 rubber

High specification closed cell expanded rubber

Test	Test method	Result	Tested by
Colour	N/A	Black	N/A
Density	ISO 845-88	150 (+/-25) kg/m ³	Manufacturer
Shore 00	ASTM D 2240	40 - 55	Manufacturer
Compression /Deflection	ASTM D1056-07	35 - 65 kPa	Manufacturer
Compression set (50% for 22 hrs@ 23 °C)	ASTM D1056-07	Av. = 14%	Manufacturer
Water Absorption	ASTM D1056-07	Av. = 0.7 %	Manufacturer
Ozone resistance	ISO 1431-1(2004)	No cracking	Manufacturer
Dimensional stability	FORD WSK-M2D419-A	-2 %	Manufacturer
Ultimate Elongation	ISO 1798-97	AV. = 132%	Manufacturer
Tensile strength	ISO 1798-97	706 kPa	Manufacturer
Tear resistance	ASTM D624 Die C	3.4 kN/m	Manufacturer
Temperature range	Constant Intermittent	-40 ° C / +120 ° C +130 ° C	Manufacturer
Environmental	N/A	CFC & HCFC free	Manufacturer
Fire rating	AS / NZ 1530.3	Ignitability index = 0 Spread of flame index = 0 Heat evolved index = 0 Smoke developed index = 4	AWTA*
BAL-29 requirements			
Heat released <100 kW/ m ²	AS 3959-2018 appendix F	28.8 kW/ m ²	AWTA*
Av. Heat release rate for 10mins following ignition shall be < 60 kW/ m ² when exposed to an irradiance level of 25 kW/ m ²	AS 3959-2018 appendix F	6.3 kW/ m ²	AWTA*

*AWTA is a NATA certified third party laboratory