



SPECIFICATION SHEET

DK2020 Black Expanded EPDM Sponge Rubber

Description	Standard	Value	Unit
ASTM D1056-14 Classification	2A3 B3 M		
Density	ASTM D3575	180-200	Kg/m ³
Compression Deflection (25%)	ASTM D1056	50-70	kPa
Compression Deflection (50%)	ASTM D1056	100-120	kPa
Compression Set (25%/22h/23°C) – After 24hrs	ASTM D1056	4-5	%
Shrinkage (22h/70°C)	ASTM D573	4-8	%
Shore Hardness		50-60	OO
Elongation (Minimum)	ASTM D412	140-180	%
Temperature Range (Constant)		-30 / +90	°C
Temperature Range (Intermittent)		+ 100	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-2	%
Flame Resistance (>3mm)	FMVSS302	Pass	
Tensile Strength	ASTM D412	780-850	kPa
Ozone test (200+/-5) pphm (40+/-2°C) 20% elongation, 72h	ASTM D1171-99	No Cracks	
Environmental Protection		CFC, HALOGEN & HCFC FREE	

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.

We recommend evaluation prior to use to ascertain the suitability of the material for the application.

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