Adhesive Backed Materials Ltd
ABM, Geith Ind Est, Crown Business Park, Tredegar, Gwent, UK. NP22 4EF
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EPDM-SBR 50° shore Grade 105

Black EPDM/SBR Rubber – 50 Shore

Property	Detail
Material Type	EPDM/SBR rubber blend (10% EPDM content)
Colour	Black
Hardness	50° Shore A (nominal)

Technical Data

Property	Test Method	Units	Typical Value
Specific Gravity	DIN 53508		1.45 ±0.05
Hardness	DIN 53505	Shore A	50 ±5
Tensile Strength (min)	DIN 53504	kg/cm^2	40
Elongation at Break (min)	DIN 53504	%	200
Compression Set max (70°C/24hr/25% set)	DIN 53517	%	50
Tear Resistance - Angular (min)	DIN 53515	kg/cm	18
Polymer Content (EPDM: 10%)		%	10%
Heat Ageing (72hr at 70°C)	ASTM D573		
Hardness change (max)		pts	+5 max

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Tensile Strength change		%	±20 max
Elongation at Break change		%	±30 max
Volume Swell (70°C/72hr)	ASTM D471		
IRM Oil No.1		%	Not Recommended
IRM Oil No.2		%	Not Recommended
IRM Oil No.3		%	Not Recommended
Chemical Resistance - Ozone	ASTM D1149		Fair
Chemical Resistance - Dilute Acids & Bases			Fair
Chemical Resistance - Concentrated Acids & Bases			Not Recommended
Chemical Resistance - Oils			Not Recommended
Chemical Resistance - Solvents			Not Recommended
Temperature Range		°C	-30 to +90
Colour			Black

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, we do 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.