

# EPDM Sponge rubber sheeting

**VRTRADE**



BASIS	EPDM (no sulphur)
REFERRING STANDARD NORM ASTM D-1056	RE 42 / 2A2
CELLULAR STRUCTURE	CLOSED
COLOUR	BLACK
DENSITY (ISO 845-88 - ASTM D 3575)	120 KG/m <sup>3</sup> +/-20
WATER ABSORPTION (ASTM D 1056 - 3 min.)	0,13%
TEMPERATURE RANGE (ASTM D 3575)	- 40° C + 95° C
TEMPERATURE RANGE INTERMITTENT	+ 130°C
LINEAR SHRINKAGE AFTER 22h at 70°C	< 5%
ULTIMATE ELONGATION - (ASTM D 412)	> 150%
TENSILE STRENGTH - (ASTM D 412)	4,5 KG/cm <sup>2</sup> (450 kPa)
TEAR RESISTANCE - (ASTM D 624)	2,8 KG/cm (0,28 kN/m)
RESISTENCE	AIR+ U,V, VERY GOOD OZONE 48H/ 200 pphm
COMPRESSION STRENGTH - (ASTM 1056/85)	AT 25% - 0,35 KG/cm <sup>2</sup> (35 kPa)
COMPRESSION STRENGTH - (ASTM 1056/85)	AT 50% - 0,7 KG/cm <sup>2</sup> (70 kPa)
COMPRESSION SET 25% (thick.mm.30 a temp. 21°C for 22 h.)	20%
COMPRESSION SET 50%/22 h - (ASTM D 395)	>30%
SHORE HARDNESS 00 - (ASTM D 2240)	50 +/- 5
THERMAL CONDUCTIVITY (ASTM C 518-04)	W/m-K 0,0501
FIRE RESISTANT - (MVSS 302 - FIAT 50433)	PASS (FR)
FOGGING - Norm UNI 4818/93 PART 23 METHOD B	mg 23,7
TEST AT 90°C WITH 0,02% OF ACID HCL X 15 MINUTES	SHRINKAGE 3% MAX
PEROXIDE CURE	NO SULPHUR

The above given information should be considered as a guide but cannot regarded as an engagement from our side.