

POR 303/B

EUROFOAM

BASIS	CR/NBR
REFERRING STANDARD NORM ASTM D-1056	SCE 42-2C2 / SBE 42-2B2
CELLULAR STRUCTURE	CLOSED
COLOUR	BLACK
DENSITY (ISO 845-88 - ASTM D 3575)	150 +/-25 kg/m3
THERMAL CONDUCTIVITY (samples 100 X 100 X 10)	0,0384 W/m.K
WATER ABSORPTION (ASTM D 1056)	2% < 5%
TEMPERATURE RANGE (ASTM D 1056 p.53-60)	- 40° C + 100° C
TEMPERATURE RANGE INTERMITTENT	- 40° C + 120° C
TEMPERATURE RANGE (ASTM D 1056 p.53-60)	Pass the Test at - 40°C x 16 hours
LINEAR SHRINKAGE AFTER 7 d. to 70°C (ASTM D 1204)	< 4% max < 5%
ULTIMATE ELONGATION - (ASTM D 412)	> 250 %
TENSILE STRENGTH - (ASTM D 412)	11,50 KG/cm ² (1.150 kPa)
TEAR RESISTANCE - (ASTM D 624)	4,3 KG/cm (0,43 kN/m)
RESISTENCE	AIR+ U.V. - VERY GOOD
COMPRESSION STRENGTH - (ASTM 1056/85)	At 25% - 40 kPa (20 to 50 kPa)
COMPRESSION SET at 50% - (ASTM 1056) (22 h. at room temperature)	25%
IMMERSION ON OIL IRM 903 (22 hours at 70°C) ASTM D 1056/00	- 18,5% / CLASS B tab.1 (D 471/98)
SHORE HARDNESS 00 - (ASTM D 2240)	50 +/-5
FIRE RESISTANT (UL 94) (YELLOW CARD)	UL 94 - HF1 - mm. 2 UL 94 - V0 - mm.10
UL 48 par.33 and UL 50 par.43	PASS
FIRE TEST UNI EN ISO 11195-2/05 (on sample mm.30 on face)	PASS
RESIDUAL TEST AFTER INCANDESCENCE (ASCHE RESIDUAL AT 950°C)	32,7% VDA 675 130/92
EXTRACT TEST IN SOLVENTS (CYCLOHEXANE ACETONE)	32,7% VDA 675 125/92
OXYGEN INDEX - (ASTM D 2863)	29,3 Lol Medium
NORM AFNOR NF F 16-101/88	GRID 5
FIRE REACTION	M2
SMOKE REACTION	F3
SMOKE INDEX	44
FIRE TEST NORM EN 13501-1:2007	CLASS E
ASTM C 542:2005 - ASTM C 1166:2006	CONFORM (mm.74)
FOGGING - Norm UNI 4818/93 PART 23 METHOD B	mg 28,8
PEROXIDE CURE	NO SULPHUR

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

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