

TECHNICAL DATA

EUROFOAM

POR 305/B (EN 45545-2)

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)	160 +/-20 kg/m ³
WATER ABSORPTION (ASTM D 1056)	2% < 5%
TEMPERATURE RANGE (ASTM D 1056 p.53-60)	- 40° C + 100° C
LINEAR SHRINKAGE AFTER 7 d. to 70°C (ASTM D 1204)	< 4% max < 5%
ULTIMATE ELONGATION - (ASTM D 412)	> 120 %
TENSILE STRENGTH - (ASTM D 412)	8 KG/cm ² (800 kPa)
TEAR RESISTANCE - (ASTM D 624)	6,4 KG/cm (0,64 kN/m)
RESISTENCE	AIR+ U.V. - VERY GOOD
COMPRESSION STRENGTH - (ASTM 1056/85)	At 25% - 0,45 KG/cm ² (45 kPa)
COMPRESSION STRENGTH - (ASTM 1056/85)	At 50% - 1,35 KG/cm ² (135 kPa)
COMPRESSION SET 22 h / 50% / 23°c	<25%
COMPRESSION SET 22 h / 40% / 23°c	<60%
NORM UNI CEI EN 45545-2:2013	HL1-HL2-HL3 for R22 and R23
OXYGEN INDEX L.O.I. (ISO 4589-2)	32,2% PASS
UL 94 V0 - HF1 - HB	PASS (from mm.6)
SHORE HARDNESS 00 - (ASTM D 2240)	55 +/-5
PEROXIDE CURE	NO SULPHUR

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