

PE 30 N

BASIS	POLYETILENE FOAM
	HALOGEN FREE
CELLULAR STRUCTURE	CLOSED
COLOUR	BLACK
DENSITY (ISO 845-88 - ASTM D 3575)	30 +/- 10 KG/m3
WATER ABSORPTION (ASTM D 1056)	2 % < 5%
TEMPERATURE RANGE (ASTM D 1056-07)	- 30° C + 70° C
LINEAR SHRINKAGE AFTER 7 d. to 70°C (ASTM D 1204)	< 5%
ULTIMATE ELONGATION - (ASTM D 412)	> 200 %
TENSILE STRENGHT - (ASTM D 412)	2 KG/cm ² (200 kPa)
TEAR RESISTANCE - (ASTM D 624)	1,2 KG/cm (1,2 kN/m)
RESISTENCE	AIR+ U.V. - GOOD
COMPRESSION STRENGHT - (ASTM 1056/85)	AL 25% - 0,30 KG/cm ² (30 kPa)
COMPRESSION SET - (ASTM D 395)	15%
SHORE HARDNESS 00 - (ASTM D 2240)	50 +/-5
THERMAL CONDUCTIVITY at 40°C (ASTM C-518-04)	0,0395 W/m.K
NORM F.D.A.	PASS

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