

## SCHEMA TECNICA

## PE 30

COMPOSIZIONE	POLIETILENE ESPANSO
STRUTTURA CELLULARE	CHIUSE
COLORE	GRIGIO/BIANCO
DENSITA' (ISO 845-88 - ASTM D 3575)	30 +/- 10 KG/m <sup>3</sup>
ASSORBIMENTO ACQUA (ASTM D 1056)	2 % < 5%
CAMPO DI TEMPERATURA COSTANTE (ASTM D 1056-07)	- 30° C + 70° C
RESTRING.LINEARE DOPO 7gg.a 70°C (ASTM D 1204)	< 5%
ALLUNGAMENTO A ROTTURA - (ASTM D 412)	> 200 %
RESISTENZA A ROTTURA - (ASTM D 412)	2 KG/cm <sup>2</sup> (200 kPa)
RESISTENZA A LACERAZIONE - (ASTM D 624)	1,2 KG/cm (0,12 kN/m)
RESISTENZE	AIR+ U.V. - BUONO
RESISTENZA ALLA COMPRESSIONE - (ASTM 1056/85)	AL 25% - 0,30 KG/cm <sup>2</sup> (30 kPa)
COMPRESSION SET - (ASTM D 395)	15%
DUREZZA SHORE 00 - (ASTM D 2240)	50 +/-5
CONDUCIBILITA' TERMICA (ASTM C-518-04)	0,0395 W/m.K
NORMA F.D.A.	PASSA

Le informazioni sopra citate devono essere considerate come una guida, ma non possono essere citate come un obbligo da parte nostra.

# PE 30

BASIS	POLYETILENE FOAM
	<b>NO HALOGEN</b>
CELLULAR STRUCTURE	CLOSED
COLOUR	GRAY/WHITE
DENSITY (ISO 845-88 - ASTM D 3575)	30 +/- 10 KG/m <sup>3</sup>
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 STRENGTH - (ASTM D 412)	2 KG/cm <sup>2</sup> (200 kPa)
TEAR RESISTANCE - (ASTM D 624)	1,2 KG/cm (0,12 kN/m)
RESISTENCE	AIR+ U.V. - GOOD
COMPRESSION STRENGTH - (ASTM 1056/85)	AL 25% - 0,30 KG/cm <sup>2</sup> (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.