



## PE FOAM – PHYSICALLY CROSSLINKED

<u>DENSITY</u>	: 33 kg/m <sup>3</sup> ± %10 kg/m <sup>3</sup>
<u>MAX. FORCE Fmax</u>	: 34 kN
<u>ELONGATION AT MAX FORCE</u>	: 71,82 mm
<u>TENSILE STRENGTH</u>	: 0,3 kN / mm <sup>2</sup>
<u>FRACTURE FORCE</u>	: 32,9 Kn
<u>ELONGATION-TRANSVERSALLY</u>	: 170 %
<u>ELONGATION-LONGITUDINALLY</u>	: 199,9 %
<u>YIELD STRESS</u>	: 22 kN / mm <sup>2</sup>
<u>COMPRESSION RESISTANCE:</u>	
<u>25%</u>	: 0,041 MPa
<u>50%</u>	: 0,097 MPa
<u>75%</u>	: 0,250 MPa
<u>COMPRESSION</u>	: 31 %
<u>SET HARDNESS</u>	: 11 Shore
<u>THERMAL CONDUCTIVE</u>	: 0,0353 W / Mk
<u>WATER ABSORPTION</u>	: 0,09 kg / m <sup>2</sup>
<u>THICKNESS</u>	: 2-20 mm
<u>FIRE RESPONSE CLASS</u>	: E (Passed)
<u>FLAMMABILITY</u>	: Passed
<u>UTILISATION TEMPERATURE</u>	: - 40 °C / +100 °C
<u>DIMENSIONAL STABILITY - TRANSVERSALLY (48 h 70)</u>	: 0,4 %
<u>DIMENSIONAL STABILITY - LONGITUDINALLY (48 h 70)</u>	: 0,6 %
<u>MAIN CHARACTERISTICS</u>	: Suitable for construction, decoration, white goods, automotive . Adhesive, non-adhesive, roll, sheet, kiss-cut or die-cut forms are available.

YGM self-adhesive tapes are used successfully in many sectors to solve a variety of problems. Our publications contain numerous examples of such uses, intended to help towards a solution of your particular problems. Each YGM product has been developed for a particular range of applications. Nevertheless, experience has shown that even for one and the same objective, the exact requirements may differ from case to case. We, therefore, recommend that you carry out your own tests in each case, to confirm that YGM self-adhesive tape which you envisage using is appropriate for your particular application. All information and recommendations are given by us in good faith, on the basis of practical experience, but without warranty.