EKOPRODUR 1112B2

CHEMICAL NAME

Polyurethane system

TECHNICAL REQUIREMENTS

Weight ratio of components POLY : ISO…….…….. 100 : 124
Optimal components temperature: ……. 20 - 22ºC
Ambient temperature: … …… 18 - 25ºC
Optimal temperature of coverings/moulds: ……. 30 - 40ºC

GENERAL DATA

Apparent core density: ……...……..…. ≥ 18,5 kg/m^3
PN-EN 1602:2013-07

Fire classification: …… E
EN 13501-1+A1:2010

Short-term water absorption by partial
Immersion: ……..…… W_P ≤ 1,8 kg/m^2
EN 1609:2013

Thermal conductivity: ……... $\lambda_{mean,\ i}$ 0,038 W/(m·K)
PN-EN 12667:2002

Compressive stress at 10%
relative deformation ……..……... σ_{10} ≥ 60 kPa
PN-EN 826:2013-07

Temperature stability:
+110ºC, after 24 h ……...…… d ≤ 4 %
sz ≤ 4 %
g ≤ 1 %
-30°C, after 48h ……..……... d ≤ 2 %
sz ≤ 2 %
g ≤ 0,5 %
PN-EN 1604:2013-07

APPLICATION

EKOPRODUR 1112B2 is designed to be used in discontinuous or continuous production of insulating materials with partially open-cell structure applicable at pipe coverings in soft cladding and for the manufacture elements in moulds.
This system can be processed with the help of both: low- and high-pressure foaming machine.
Polish Hygienic Certificate PZH: BK/B/0429/01/2019

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