EKOPRODUR PM4032

CHEMICAL NAME

Polyurethane system

TECHNICAL REQUIREMENTS

The mass ratio of components POLY : ISO …… 100:110
Components volumetric ratio POLY : ISO……..……100 : 100
Components heating temp:..……...…… 18 - 22ºC
The recommended ambient temperature: ……..…….15 - 25ºC
Optimal lining / mold temperature: …… 30 – 45ºC

GENERAL DATA

Core density:……..……..……..…….. 36 kg/m^3
PN-EN 1602:2013-07
Short-term water absorption by partial immersion:…..…. $W_p \leq 0{,}11$ kg/m^2
PN-EN 1609:2013
Thermal conductivity:…….…….... $\lambda = 0{,}024$ W/(m·K)

Dimensional stability:
100ºC after 24h …..…….…….. d ≤ 0,5 %
sz ≤ 0,5 %
g ≤ 0,5 %

-30ºC, after 48h…….. d ≤ 1 %
sz ≤ 1 %
g ≤ 1 %

Closed cell content ……..……. ≥ 90 %
PN-EN ISO 4590:2005

Temperature of use ……... -40 - 120°C

APPLICATION

EKOPRODUR PM4032 has a good heat resistance because it is used for the production of heat and cold protective covers intended for operation at temperatures -40°C to + 120°C as well as insulation boards and panels, as well as moulding ang fillings.
It can be processed using low and high pressure foaming machines.
The product has PZH hygiene certificate: BK/B/0429/01/2019.

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