EKOPRODUR DCP 2008

CHEMICAL NAME

Polyurethane system

TECHNICAL REQUIREMENTS

Weight ratio of components POLY : ISO ……100 : 130
Optimal components temperature: ……18 – 22°C
Ambient temperature: ……15 – 25ºC
Optimal mould temperature: ……30 – 40ºC

EKOPRODUR DCP 2008 polyurethane system can be processed using low-pressure and high-pressure foaming machines. Foam achieves its final mechanical properties after 24h conditioning. During processing the system please keep in mind all tips and information included in the MSDS sheets for both components.

GENERAL DATA

Fire classification ……F
PN-EN 13501-1+A1:2010

Coefficient of thermal conductivity: …… $\lambda_{mean,\,i}$ 0,022 W/(m·K)
PN-EN 12667:2002

Adhesion of the foam perpendicular to the grou ……≥ 280 kPa
PN-EN 1607:2013-07

Compressive stress at 10%
relative strain, parallel: …….. σ10 ≥ 330 kPa
PN-EN 826:2013-07

Compressive stress at 10%
relative strain, perpendicular: …….. σ10 ≥ 240 kPa
PN-EN 826:2013-07

Temperature stability:
+ 70ºC, 90% RH, after 24h …….. T +0,3 %
L +0,3 %
W +1,6 %

-30ºC, po 24h …….. T 0,0 %
L 0,0 %
W -0,2 %
PN-EN 1605:2013-07

APPLICATION

EKOPRODUR DCP 2008 is used for insulation of refrigeration equipment and the production of insulation boards and panels in molds.

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