EKOPRODUR PIR4535 E

CHEMICAL NAME

Polyurethane system

TECHNICAL REQUIREMENTS

Weight ratio of components POLY : ISO……100 : 160
Optimal components temperature:……..……22 - 26ºC
Ambient temperature:……..18 - 25ºC
Optimal temperature of coverings/moulds:……..……...30 - 45ºC

GENERAL DATA

Apparent core density: …..……..……..…… ≥ 50 kg/m^3
PN-EN 1602:2013-07

Thermal conductivity coefficient
(initial value): ……..…… 0,024 W/(m·K)
EN 12667:2002

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

Flammability class: ……... B2
DIN 4102

Compressive stress at 10%
relative deformation, …….. σ_{10} ≥ 300 kPa
EN 826:2013-07

Stabilność temperaturowa:
70ºC, 90% RH, after 48h…… L ≤ 1 %
W ≤ 1 %
T ≤ 0,5 %
150°C, after 48h …..…….... L ≤ 4 %
W ≤ 4 %
T ≤ 1 %
-30°C, after 48h ……..... L ≤ 1 %
W ≤ 1 %
T ≤ 0,5 %
PN-EN 1604:2013-07

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

APPLICATION

EKOPRODUR PIR4535 E is designed for professional usage for lagging and construction elements made from closed cell rigid polyurethane (PUR) foam.
Polyurethane foam based on this system is characterized by enhanced fire resistance (fire class E) and have a good stability in long-term operation at temperatures up to 150 °C, periodically up to 165 °C.
Polish Hygienic Certificate PZH: BK/B/0429/01/2019

Information presented herein has been given in good faith and to the best of our current knowledge and experience. The compliance of the specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be checked before the product is used. The producer reserved the right to modify the information presented herein as a result of technological development and improvement of the product by producer.

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