EKOPRODUR WH4004

CHEMICAL NAME	Polyurethane system
TECHNICAL REQUIREMENTS	Weight ratio of components POLY : ISO……100 : 120 Optimal components temperature:……..……18 - 22ºC Ambient temperature:……..15 - 25ºC Optimal mould temperature: …… 35 - 45ºC
GENERAL DATA	Apparent core density: …..……...……..…....… ≥ 40 kg/m^3 PN-EN 1602:2013-07 Thermal conductivity coefficient (initial): …….. $\lambda_{mean,\,i}$ 0,020 W/(m·K) PN-EN 12667:2002 Compressive strength (ρ = 50 kg/m3): …….. ≥ 270 kPa PN-EN 826:2013-07 Compressive strength (ρ = 40 kg/m3): ……. ≥ 180 kPa PN-EN 826:2013-07 Closed-cell content ……. ≥ 90% PN-EN ISO 4590:2005 Working temperaturę: …….. -30 to +120°C (140 °C – up to 4 hours) Fire classification: …… F PN-EN 13501-1+A1:2010 Flammability class: …….. B3 .. DIN 4102
APPLICATION	EKOPRODUR WH4004 is used for the manufacturing of insulation of boilers and water-heaters in moulds. It could be also used for the production of other construction elements where good thermal properties and aesthetics skin is a must.

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