

EKOPRODUR PM2032

CHEMICAL NAME	System poliuretanowy
TECHNICAL REQUIREMENTS	<p>The mass ratio of components POLY : ISO..... 100 : 110 Components pressure in mixing heat: 80-100 bar (1160-1450 psi) Components temperature (in barrels): 18 - 25°C Ambient temperature: 15 - 35°C Optimal face/mould temperature: 30 - 45°C</p> <p>In the case of the mould made of aluminium or stainless steel it can be necessary to prepare the surface mechanically or chemically, to improve adhesion. Insulated surfaces should be prepared before, should not contain dust, water, oil, loose particles and other substances that could reduce the adhesion of the foam. During processing the system please keep in mind all tips and information included in the MSDS sheets for both components.</p>
GENERAL DATA	<p>Apparent core density: 36 kg/m³.. PN-EN 1602:2013-07 Fire classification: self-extinguishing PN-C-89297:19883 Short-term water absorption by partial immersion: $W_P \leq 0,11 \text{ kg/m}^2$ PN-EN 1609:2013</p> <p>Thermal conductivity: $\lambda_{\text{mean, i}} 0,023 \text{ W/(m}\cdot\text{K)}$ PN-EN 12667:2002</p> <p>Compressive stress at 10% relative deformation $\sigma_{10} \geq 290 \text{ kPa}$ PN-EN 826:2013-07</p> <p>Temperature stability: 70°C, 90% RH, after 48 h $d \leq 4 \%$ $sz \leq 4 \%$ $g \leq 1 \%$ -30°C, after 48h $d \leq 2 \%$ $sz \leq 2 \%$ $g \leq 0,5 \%$ PN-EN 1604:2013-07</p> <p>Closed-cell content: $\geq 90\%$ PN-EN ISO 4590:2005</p> <p>Working temperature: -40 - 110°C</p>
APPLICATION	<p>EKOPRODUR PM2032 is designed to be used in cavity filling especially as an wall insulation. Additionally it can be used for mould casting. It can be processed with the help of both: low- and high-pressure foaming machine.</p>