

Technical Data Sheet

EPUMENT 140ISN

Labor - Rev.-Status: 007 – 2007/08/06

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Product discription	EPUMENT 140ISN – is a three component cast polymer based on an epoxy resin including a more special filler combination, which fulfills high requirements :	
Properties	<ul style="list-style-type: none"> • Sound surface • High compression strength • Suitable for milling 	
Application	To get mounting surfaces, which are suitable for milling, e.g. for spindle bearing, drives, linear scales and supports.	
Technical infos	<ul style="list-style-type: none"> • Density approx. 2,5 g/cm³ • Compressive strength * 130 – 150 N/mm² • Flexural strength * 50 – 60 N/mm² • Modulus of elasticity * 20 – 25 kN/mm² • Max. surface pressure (statically) max. 25 N/mm² • Thermal expansion coefficient approx. 18,5 · 10⁻⁶ K⁻¹ at 20 °C • Thermal conductivity ca. 0,6 W/mK at 25 °C • Specific heat capacity ca. 0,79 J/g K at 25 °C • Thermal diffusivity ca. 0,3 mm²/s at 25 °C 	
Note	<p>All recommendations for the use of our products are based on years of experience and the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products are suitable for his intended process or purpose.</p> <p>Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.</p>	

* measured by the testing machine Form + Test Seidner, Typ 502/3000/100SP