

EtroX[®] I CM natural

PI

The premium product for highly demanding applications

Our premium material EtroX[®] I CM was specially developed to meet the high demands of the electronics, aerospace and automotive industries. As a pure polyimide, it withstands particularly high temperatures. EtroX[®] I CM can be used to design components that offer significant advantages over other thermoplastics.




Operating in the following industries


 Elektronika


 Semiconductor Industry

 Letectví a kosmonautika

 Výroba vozidel

 Semiconductor Front-End applications


 Semiconductor Wafer Handling


 Semiconductor Back-End applications


 Semiconductor High and low temperature

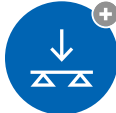
 Semiconductor Dicing


Extended characteristics

 **Advantages of a premium material**
High tensile strength, with adequate impact strength, stiffness and dimensional stability make it a premium material for demanding applications.

 **High temperature resistance**
The material's low inherent flammability is particularly important for applications with a high safety risk.

 **Long lifespan**
Our material has a low wear rate so that components made of EtroX[®] I CM can be used for a long time and thus

 **High mechanical strength**
Even at high operating temperatures of more than 250 °C, EtroX[®] I CM has a high mechanical strength, so that the material can replace metals.

 **Easy processing**
EtroX[®] I CM can be machined to tight tolerances using conventional CNC machines.

Röchling Industrial. Empowering Industry.
www.roechling.com/industrial

Röchling Industrial Lahnstein SE & Co. KG
Sustaplast-Str. 1 • 56112 Lahnstein/Germany (DE) • Tel. +49 2621 693-0 • info.lahnstein@roechling.com

Print: 22/07/2024 • PIM-Version: 72 • PIM-ID: 752313 • PIM-Code: 72-708

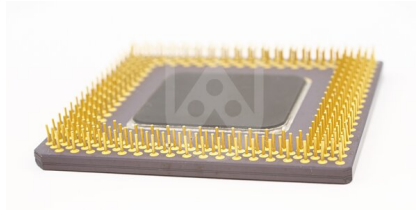


increase efficiency in the application.

Application examples



Thrust washer for electric cars



Test socket for final chip testing

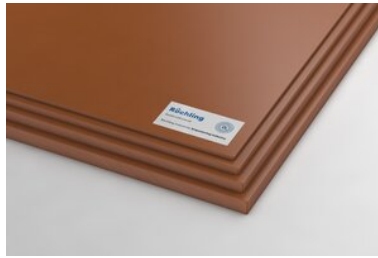


Gripper for glass bottles

Our product variants of EtroX[®] I CM natural

For more information about technical data, product handling, certifications, compliance or delivery program scan the QR-Code and visit our website or talk to our experts.

EtroX[®] I CM natural



Röchling Industrial. Empowering Industry.
www.roechling.com/industrial

Röchling Industrial Lahnstein SE & Co. KG
Sustaplast-Str. 1 • 56112 Lahnstein/Germany (DE) • Tel. +49 2621 693-0 • info.lahnstein@roechling.com

Print: 22/07/2024 • PIM-Version: 72 • PIM-ID: 752313 • PIM-Code: 72-708

