

### 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


 Electronics


 Semiconductor Industry

 Aerospace

 Vehicle Construction

 Semiconductor Front-End applications

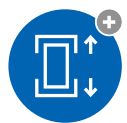
 Semiconductor Wafer Handling

 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 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.



##### High temperature resistance

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



##### Easy processing

EtroX® I CM can be machined to tight tolerances using conventional CNC machines.



##### 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 increase efficiency in the application.

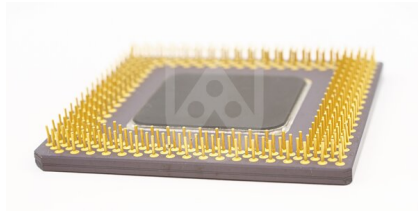
**Röchling Industrial. Empowering Industry.**  
[www.roechling.com/industrial](http://www.roechling.com/industrial)

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

Print: 09/05/2024 • PIM-Version: 70 • PIM-ID: 752313 • PIM-Code: 70-614



### Application examples



Gripper for glass bottles

## Our product variants of EtroX<sup>®</sup> 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<sup>®</sup> I CM natural



**Röchling Industrial.** Empowering Industry.  
[www.roechling.com/industrial](http://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](mailto:info.lahnstein@roechling.com)

Print: 09/05/2024 • PIM-Version: 70 • PIM-ID: 752313 • PIM-Code: 70-614

