Röchling

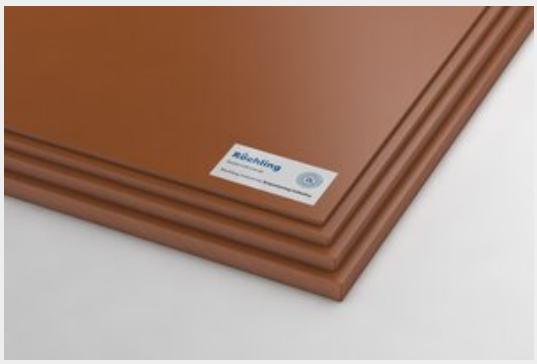
Industrial

EtroX® I CM natural

PI

The premium product for highly demanding applications

The high-end material EtroX® I CM has been specially developed to meet the most demanding requirements of the semiconductor, aerospace and automotive industries. As a pure polyimide, it can withstand particularly high temperatures of up to 350 °C. EtroX® I CM can therefore be used to manufacture components that offer significant advantages over other thermoplastics. Even at high temperatures exceeding 300 °C, EtroX® I CM exhibits high mechanical strength, enabling the material to replace metals.



Operating in the following industries

- 전자 제품
- Aerospace
- Semiconductor Industry
- 차량 제조

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.

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.

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.

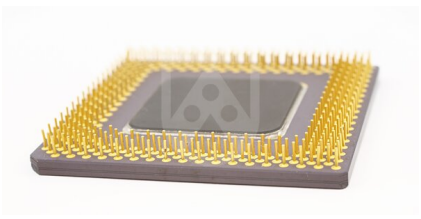
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Application examples



Gripper for glass bottles



Test socket for final chip testing



Thrust washer for electric cars

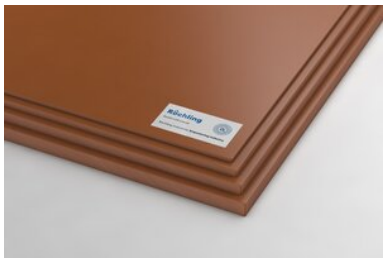
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Our product variants of EtroX® I CM natural

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.

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