





Company Profile

Distribution of Polymers since 2011

Based in Hamburg



High Performance
Polymers



Sustainable
Polymers



Sheet & Film



High Performance

High Performance Polymers



HP-Polymer raw materials

- PEEK granules and powder
- Polyimide powder and granules
- PEI granules
- PPSU granules, PES, long-chain PA and more



Sustainable HP-Polymers

- R-Peek with high purity and quality
- Sprues, regrind and compounds from recycled



Semi-finished parts

- PEEK rods, tubes and sheets
- Polyimide rods and sheets - Meldin® 7000
- PEI rods and sheets
- PAI rods, tubes and sheets

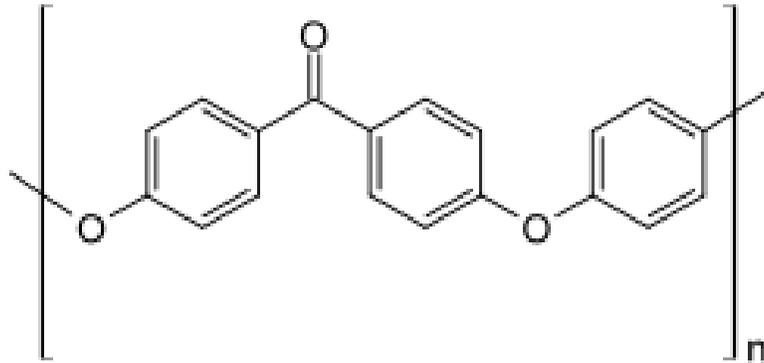


Finished parts & services

- Injection molded or machined products
- Coating of parts by Polyimide, PEEK or PAI
- Consulting on new materials, product development and recycling of HP-Polymers

High Performance Polymer: PEEK

Properties - Applications - Sales Portfolio



- Continuous-Service-Temperature: 250°C
 - High mechanical properties across different temperatures
 - Lubricant free operation
 - Ability to match thermal expansion of metal
 - Excellent chemical resistance against automotive fluids
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High Performance Polymer: PEEK

Properties - Applications - Sales Portfolio

Oil & Gas



Electronic



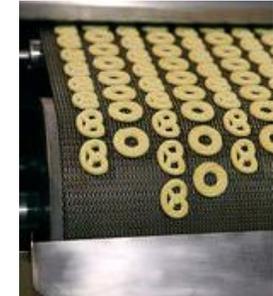
Automotive



Medical



Food



High Performance Polymer: PEEK

Properties - Applications - Sales Portfolio



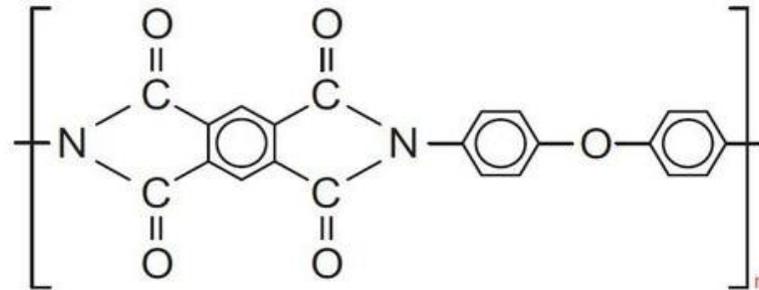
CoPEEK



- Natural resin
- Granules and powder
- Rods and tubes
- Compounds
- Sheet and thin film
- Filaments and shrink-tubes
- Coating products
- 3D-printing products
- R-PEEK
- Finished parts

High Performance Polymer: Polyimide (PI)

Properties - Applications - Sales Portfolio



- Continuous-Service-Temperature: 315°C
 - Withstands high operating temperatures
 - Good resistance to aging & moisture absorption
 - Lubricant free operation
 - Ability to match thermal expansion of metal
 - Excellent chemical resistance against automotive fluids
-

High Performance Polymer: Polyimide (PI)

Properties - Applications - Sales Portfolio

Industrial



- Piston rings
- Hotrunner nozzles
- Plasma cutting gas distributors
- Packaging sealing elements

Electronic



- Bobbin, basis material for conductor boards
- Isolation foils
- Sputtering equipment

Automotive & Aviation



- Brake wear sensor
- Polymer-gears
- Thrust washers
- Valve seats & seals
- Vane bushings

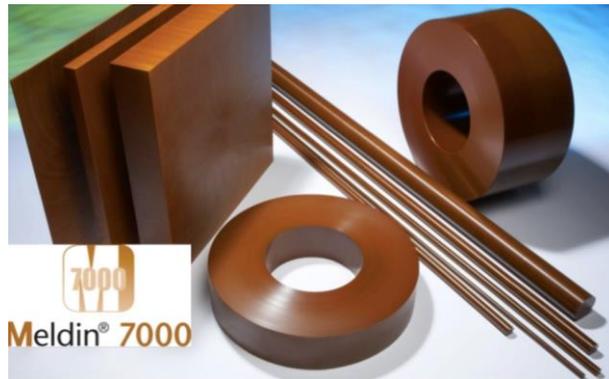
Others



- Additive for PTFE & other compounds
- Direct forming of final parts
- Paste compounds

High Performance Polymer: Polyimide (PI)

Properties - Applications - Sales Portfolio



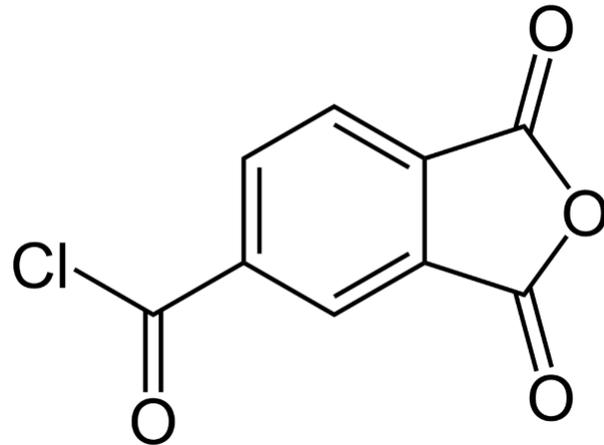
- Rods and sheet: Meldin 7000
- Direct formed parts
- Machined parts



- PI-Powder
- Thermoplastic PI

High Performance Polymer: Polyamide-imide (PAI)

Properties - Applications - Sales Portfolio



- Continuous-Service-Temperature: 275°C
 - Highest performing meltable thermoplastic
 - temperature resistance, chemical resistance and mechanical stress
 - Its mechanical strength at 205°C outperforms many engineering plastics
 - Transformed from a thermoplastic to a cross-linked thermoset during an extended curing process
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High Performance Polymer: Polyamide-imide (PAI)

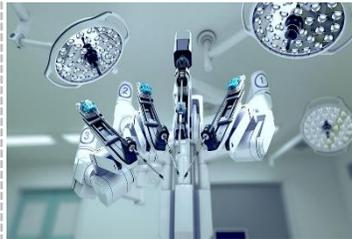
Properties - Applications - Sales Portfolio

Aerospace & Aviation



- Thermal isolators
- Blocker door bushings
- Aerostructure
- Propulsion & Cabin

Life Science & Medical



- Sterilization
- x-ray transparency
- Rollers
- bushings

Semiconductor & Electronics



- Test sockets
- Wafer handling tools
- Chip nests
- Ferrules

Oil & Gas & Automotive



- Seals & Lift buttons
- Thrust washers
- Suspension bushings
- Valve plates

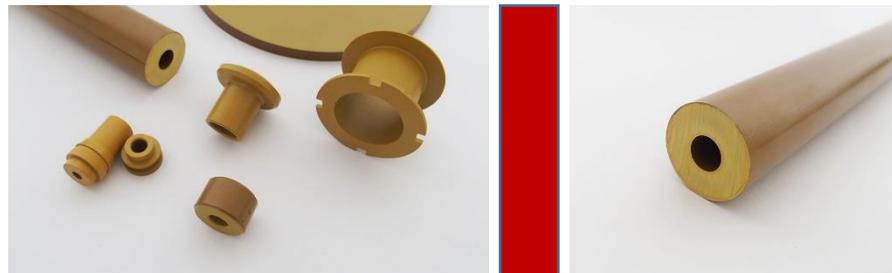
Metal Processing



- Plasma cutting tools
- Thermal insulator

High Performance Polymer: Polyamide-imide (PAI)

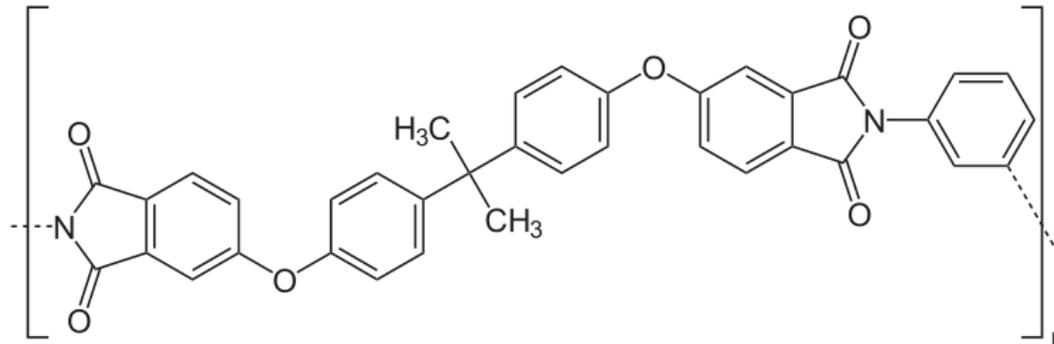
Properties - Applications - Sales Portfolio



- Rods and tubes
- Sheet
- Injection molded parts
- Machined parts

High Performance Polymer: Polyetherimide (PEI)

Properties - Applications - Sales Portfolio



- Continuous-Service-Temperature: 170°C
 - excellent dimensional accuracy across a wide temperature range and exhibits low thermal expansion
 - PEI is naturally flame-retardant and has a fire rating of UL94 V-0
 - High strength and rigidity at elevated temperatures
 - long term heat resistance, dimensional stability and good electrical properties
-

High Performance Polymer: Polyetherimide (PEI)

Properties - Applications - Sales Portfolio

Automotive



- Transmission components
- Thermostat housings
- Reflectors
- Electromechanical systems

Electronic



- Switches and controls
- Electrical motor parts
- Printed circuit boards
- Connectors

Medical



- Membrane applications
- Biohybrid applications

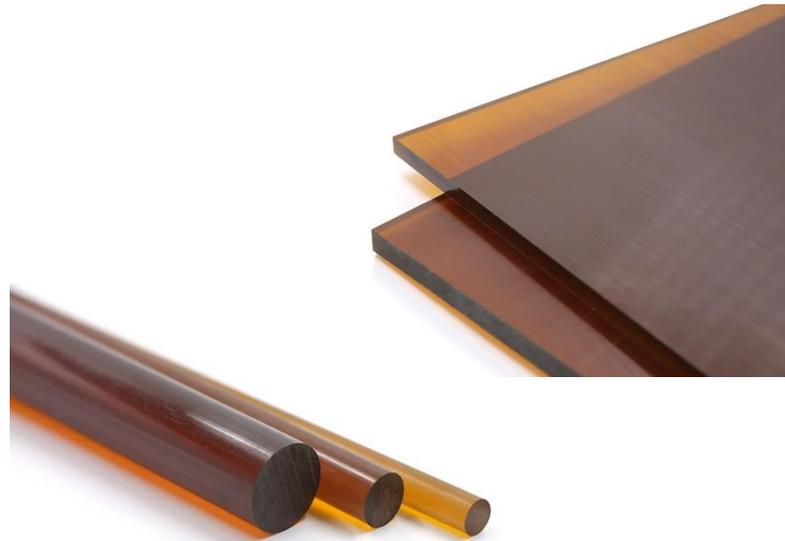
Other



- Food and beverage
- Digital card printer frames
- Coil springs
- Cable guards

High Performance Polymer: Polyetherimide (PEI)

Properties - Applications - Sales Portfolio



- Rods
- Sheets
- Films
- Finished parts



High Performance Polymer: Other Products

Properties - Applications - Sales Portfolio



- PPSU resin
 - Long-chain PA
 - PA (GF with smooth surface)
 - Carbon fibres
 - PEEK-fibres as additives
 - PET semi-finished
 - PPS (granules / SF)
 - Other compounding products
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High Performance & Sustainable Polymer: R-PEEK

Concept - Sales Portfolio

-  high quality
-  low priced
-  sustainable

WE **BUY** CLEAN AND CORRECTLY SORTED PEEK-RESIDUES



Regrind | Swarfs | Sprue

WE **SELL** PEEK: VIRGIN AND RECYCLED MATERIAL



Granules | Powder |
Semi-Finished | Finished Parts

WE **CONVERT** PEEK-RESIDUES



Granulation | Compounding |
Semi-Finished Parts | Distribution



High Performance & Sustainable Polymer: R-PEEK

Concept - Sales Portfolio



- Natural PEEK
 - Black PEEK
 - CF-PEEK
 - GF-PEEK

 - Ex-Luvocom
 - Ex-Victrex
 - Ex-CoPEEK
 - Ex-Vestakeep

 - Sprues
 - Regrind
 - Shavings
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Partners





We look forward to collaborating with you!

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