

5X Plastic Replaceable tip Reverse Action Tweezer

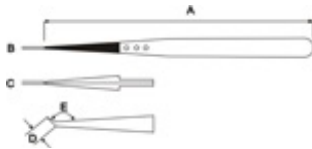


Very fine tips. Reverse action.

A 5" 130 mm

B 0.02" 0.5 mm

C 0.025" 0.6 mm



A5CP

Replaceable tips set

General notes

- **PEEK** polyetheretherketone reinforced with carbon fibre
- very hard, rigid, high tensile and flexural strength, very high wear resistance
- high heat capability (260-300°C), good dimension stability, low thermal linear expansion coefficient
- excellent resistance to chemicals and aggressive agents, excellent resistance to thermal ageing
- ESD-safe material
- typical applications include handling of components in cleaning/chemical/assembly processes also at

high temperature (soldering)

Mechanical properties

| | | |
|--|-----------|-----------------------|
| Flexural modulus +23°C: | 21400 MPa | ISO 178 ASTM D 790 |
| Flexural strength +23°C: | 350 MPa | ISO 178 ASTM D 790 |
| Tensile modulus +23°C: | 24000 MPa | ISO 527 ASTM D 638 |
| Tensile strength +23°C: | 190 MPa | ISO 527 ASTM D 638 |
| Izod - Impact strength (notched) +23°C | 65 J/m | ISO 180/4A ASTM D 256 |

Thermal properties

| | | |
|---------------------------------------|-------|------------------|
| Temp. of defl. under load (1.80 MPa): | 300°C | ISO 75 ASTM D648 |
| Continuous Use Temperature: | 260°C | 20'000 h |
| Short Time Temperature | 300°C | |

Electrical properties

| | | |
|----------------------|---------------------|-----------|
| Surface resistivity: | 10 ⁶ Ohm | |
| Decay time: | < 0.2 sec | 1000-10 V |

Other properties

| | | |
|--------------------------------------|------------|----------|
| Density | 1.39 g/ccm | ISO 1183 |
| Water absorption in water 23°C (24h) | 0.01% | ISO 62 |

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Credits