Electronics
Tweezers
2WF Plastic Replaceable tips Set

2 inches wafer tweezers

A 0.25"  6.6 mm
B 0.41"  10.5 mm
C 0.08"  2.0 mm
D 0.14"  3.5 mm
E 0.18"  4.5 mm

A2WFCP  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: 10⁵ - 10⁶ 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