

SABIC SPECIALTIES PORTFOLIO FOR MOBILE

SABIC's Specialties portfolio for mobile applications has advanced thermoplastic resins engineered to manage dimensional stability, chemical resistance, heat resistance and strength. ULTEM is tougher than many commodity plastics, reducing the risk of breakage when users frequently insert/remove SIM cards.

SABIC VALUE PROPOSITION



STRENGTH



CHEMICAL RESISTANCE



FLAME RETARDANT



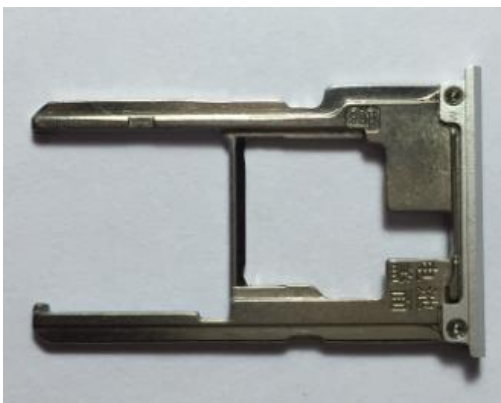
LIGHTWEIGHT

BENEFITS:

- Pass plug-in /plug-out test of customer (500 times plug in, 500 times anti-plug with 5kg) & bending test 60 degree 100 times.
- Plastic & Metal can be combined with good dimensional stability over the usage temperature range
- Design freedom & Paint elimination
- Passes coating adhesion test for outside surface coating of the SIM card

FEATURES:

- High flexural modulus at 3300 MPa at thin walls for sufficient strength and resilience
- Linear CTE matches metal, Low CTE over usage temperature
- Metal replacement with custom colored resin
- Coating, painting, metallizable



Metal



ULTEM™

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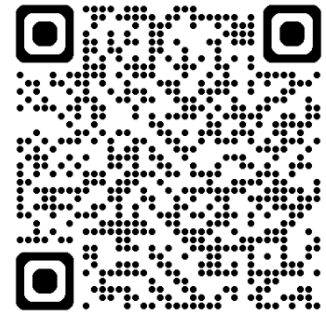
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