Digital Hearing Aid Bonding
Born2Bond Light Lock

Application

Bonding of exterior housing components for digital hearing aids.

Substrates bonded	Polycarbonate, PEEK and Aluminium
Process	Bonding
Pre-treatment	Cyanoacrylate primer used for bonding of PEEK
Curing conditions	▪ Fixture time of 30 seconds ▪ Exposed fillets cure within 5 seconds on exposure to low power UV light
Resistances required	None
Key selection criteria	▪ Fast bonding ▪ Clean, clear bond lines
Customer benefits	▪ Cures in seconds on exposure to UV light enabling quicker throughput ▪ Low blooming formulation enables cleaner bondlines for a better finished product

Product description

Born2Bond™ Light Lock is a low-odour, low-blooming, dual-cure, UV cyanoacrylate adhesive designed for bonding applications that require fast fixturing, coating or surface cure.

Features and benefits:

- Dual cure formulation: instant and light cure
- Fast light cure of exposed fillets or squeeze out
- ISO 10993 tested and suitable for consideration in the assembly of medical devices
- Odourless and low blooming
- Non-irritating, non-lachrymatory

Suitable in applications involving:

- Bonding, repair, coating, infilling
- In electronics manufacturing: ruggedising, wire tacking, encapsulating, insulation, coating
- In medical device manufacturing: plastic and/or metal bonding
- Glass to metal bonding for jewellery, watches, perfume and liquor bottles

Let's start by talking about your application
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