

UV-ACRYLIC LC SERIES



Long Lasting



No Cracks



Transparent



UV Resistant

Highly durable, transparent when cured, and easy to manage, the **Born2Bond™ UV-Acrylic LC Series** can be used with metals, glass and plastics, including ABS and PMMA.

Non-toxic and solvent-free, the range can be dispensed using a wide variety of equipment and methods. Patented **Nanostrength®** technology developed by Bostik's parent company, Arkema, ensures greater impact resistance and elongation properties while gap filling, low shrinkage and non-cracking properties further enhance performance. This is supported by a low exothermic reaction during formation which reduces the risk of mechanical stress that could otherwise damage the substrates.

FEATURES

- Low shrinkage and non-cracking properties
- Transparent after cure (non-yellowing)
- Highly durable - impact, chemical and temperature resistance, with low water absorption
- Multi-substrate adhesion (metals, glass and plastics, including ABS and PMMA)
- Gap filling properties
- Wide UV wavelength range (between 365 and 405nm)
- High elongation
- Can be dispensed using a wide variety of equipment and methods
- Low exothermic reaction during formation (<50°C)

TYPICAL APPLICATIONS

- Luxury goods (e.g. perfume and cosmetics packaging, jewelry, watches)
- Electronics (e.g. PCB assembly, coating, encapsulation)
- Automotive (e.g. ADAS)
- General assembly (e.g. plastic and glass parts bonding)



LC 176

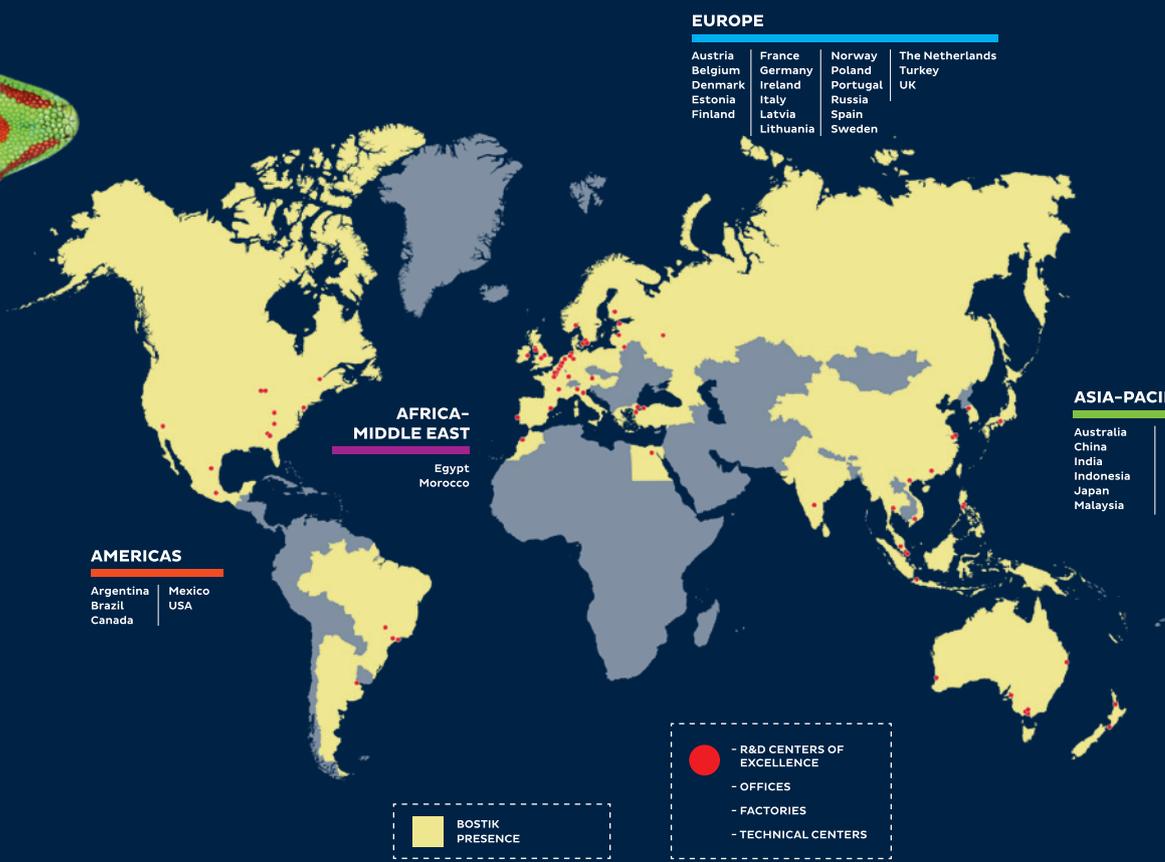


LC 177

VISCOSITY (mPa.s)	110,000 to 150,000	
ELONGATION (%)	220 to 260	200 to 220
TENSILE STRENGTH (MPa)	9 to 11	
LAP SHEAR STRENGTH (MPa)*	7	
HARDNESS (SHORE)	60 to 75 A	20 to 35 D
WATER ABSORPTION (%)	1.5	1
FIXTURE TIME (s) LED 405 nm (2 W/cm ²)**	4	5
FIXTURE TIME (s) UVA lamp (55-60 mW/cm ² ***)	7	9

TDS and SDS available on request





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