Engineering Adhesives for Small Appliances
Bostik Born2Bond™ Engineering Adhesives enable manufacturers of small appliances to design and produce reliable, high-performance products that are easy to repair, maintain and recycle.

- Automation, in-line integration & high throughput
- Serviceability & repairability
- High precision, aesthetics & multi-substrates
- Sustainability & safety

**MANUFACTURING REQUIREMENTS**

**SOLUTIONS:** Born2Bond™ UV Instant Adhesives, Instant Adhesives
**BENEFITS:** Low blooming; fast curing

**SOLUTIONS:** Born2Bond™ XMA Structural Adhesives
**BENEFITS:** Structural bonding; durability

**SOLUTIONS:** Born2Bond™ UV Instant Adhesives, Instant Adhesives
**BENEFITS:** Low blooming; fast curing

**SOLUTIONS:** Born2Bond™ UV-CIPG Gasketing (serviceable), High Performance HMPUR Adhesives (non-serviceable), Instant Adhesives
**BENEFITS:** Reliable bonding with HMPUR; serviceable gasketing with UV-CIPG; multi-substrates

**SOLUTIONS:** Born2Bond™ UV-Instant Adhesives, Instant Adhesives, Thermelt® Low Pressure Molding Hotmelt
**BENEFITS:** High-precision assembly; molding options for media resistance

**RECHARGEABLE SHaver ASSEMBLY**

**PLASTICS PARTS ASSEMBLY**

**MAGNET BONDING**

**LOGO BONDING**

**ENCLOSURE ASSEMBLY**

**BATTERY CELL ASSEMBLY**
FOOD PROCESSOR ASSEMBLY

1. THREADLOCKING of SCREWS
   SOLUTIONS: Born2Bond™ Anaerobic Adhesives
   BENEFITS: Vibration, corrosion & chemical resistance; non-CLP WL range

2. PLUG ASSEMBLY
   SOLUTIONS: Thermelt® Low Pressure Molding Hotmelt
   BENEFITS: Durable encapsulation and protection; molding automation

3. ELECTRONICS ENCAPSULATION
   SOLUTIONS: Born2Bond™ UV-Instant Adhesives, UV-Epoxy Adhesives, UV-Acrylate Adhesives
   BENEFITS: Durable encapsulation and protection; fast curing

4. PCB ASSEMBLY
   SOLUTIONS: Born2Bond™ UV-Instant Adhesives; Thermelt® Low Pressure Molding Hotmelt
   BENEFITS: Durability; encapsulation and protection; fast curing; molding options

5. DISPLAY ASSEMBLY
   SOLUTIONS: Born2Bond™ UV-CIPG Gasketing (serviceable), High Performance HMPUR Adhesives (non-serviceable)
   BENEFITS: Reliable bonding with HMPUR; serviceable gasketing with UV-CIPG; multi-substrates

6. LOGO BONDING
   SOLUTIONS: Born2Bond™ UV Instant Adhesives, Instant Adhesives
   BENEFITS: Low blooming; fast curing

7. RETAINING of HUB and SHAFT
   SOLUTIONS: Born2Bond™ Anaerobic Adhesives
   BENEFITS: Vibration, corrosion & chemical resistance; non-CLP WL range

8. MAGNET BONDING
   SOLUTIONS: Born2Bond™ XMA Structural Adhesives
   BENEFITS: Structural bonding; durability

9. ENCLOSURE ASSEMBLY
   SOLUTIONS: Born2Bond™ UV-CIPG Gasketing (serviceable), High Performance HMPUR Adhesives (non-serviceable), Instant Adhesives
   BENEFITS: Reliable bonding with HMPUR; serviceable gasketing with UV-CIPG; multi-substrates

10. PLASTIC HANDLE BONDING
    SOLUTIONS: Born2Bond™ UV Instant Adhesives, Instant Adhesives
        BENEFITS: Low blooming; fast curing
All Born2Bond™ Engineering Adhesives are suitable for small production runs using manual application, as well as semi- or fully-automated production lines.

**Born2Bond™ Instant and UV-Instant Adhesives**
- Low odor solutions for increased user comfort
- Low bloom solutions for uncompromised fine finishes
- Fast bonding for enhanced reliability and durability
- Dual-cure adhesive with ‘cure-on-demand’ properties for increased throughput and cure of excess material - no yellowing when immediately cured (Light Lock grade - patented*)
- Automatic, semi-automatic and manual high-precision dispensing options

**Born2Bond™ High Performance HMPUR Adhesives**
- Multi-substrate adhesion
- High temperature, humidity and chemical resistance
- Good balance between strength and elasticity
- Designed for manual, semi-automatic and automated dispensing for high-precision applications
- Extensive range and tailor-made solutions available

**Born2Bond™ Anaerobic Adhesives**
- Vibration, corrosion and chemical resistance for increased reliability
- Reduced stock and inventory of fasteners
- 100% connection – no loosening of screws
- High power transmission and resistance to dynamic loads
- Sustainable and more cost-effective solution to traditional mechanic fasteners
- Automatic, semi-automatic and manual high-precision dispensing options
- WL Range (non-CLP option) also available**

**Born2Bond™ UV-CIPG Gasketing**
- Serviceability of assembled and sealed parts and enclosures
- Waterproofing and dustproofing for increased durability
- Resistant to temperature fluctuations and chemicals
- Extremely flexible and durable
- Designed for semi-automatic and automated dispensing for high-precision applications

Arkema’s portfolio extends beyond adhesives to High Performance Polymers – offering pioneering and sustainable solutions to customers from a broad range of markets, including Appliances. Advanced bio-based solutions including fully recyclable Rilsan® Polyamide 11, Rilsan® Clear polyamides, and Pebax® Rnew® elastomers are chosen by manufacturers for their lightness, dimensional stability, food contact approval, friction & shock resistance, toughness, and chemical & stain resistance – making them ideal for home appliances solutions.

For more information and to order free Born2Bond™ samples, please visit: Born2Bond.Bostik.com

**Arkema**

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*Patented in multiple countries. **Available in selected regions only. Not classified as a hazardous substance/mixture under the Classification, Labelling and Packaging of substances and mixtures (CLP) Regulation (EC) 1272/2008 in EU. Always use glasses and gloves when applying adhesives.