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Cartell Chemical Co., Ltd. was established in 1994, and it is a world-class professional manufacturer of industrial adhesives, sealants, and specialized chemical products. The brand "MXBON" created by the company provides the industrial sector with top-quality and reliable low-cost solutions for design, manufacturing, assembly, and maintenance. The applications of MXBON products span a wide range of industries, including traditional industries, electronics, electrical engineering, medical equipment, railway transportation, shipbuilding, sports equipment, hand tools, pneumatic tools, 3C electronic products, and the automotive industry.

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Adhesives Expert

mxbon®



壓克力平面結構膠

STRUCTURAL ADHESIVES



31324 中高黏度 單劑厭氧型 大間隙黏接

Mid-high viscosity, single compound, anaerobic type, bigger gap bonding

堅韌、耐衝擊、高強度與耐化學溶劑的特性，需搭配促進劑使用
具備高強度及快速黏著的速度

0.5~1mm大間隙的黏接

適用於大部分金屬與鐵氧體之黏接，也可用於部分塑膠材料

Durable, impact-resistant, high-strength and chemical-resistance properties. With high strength and fast fixture time.

For large gap (0.5~1mm).

It is suitable for bonding most metals and ferrites, and can also be used on some plastic materials.



31326 中高黏度 單劑厭氧型 金屬快速固化

Mid-high viscosity, single compound, anaerobic type, fast curing on metals

堅韌、耐衝擊、高強度與耐化學溶劑的特性，需搭配促進劑使用
具備高強度及快速黏著的速度

0.25mm以下間隙，2分鐘快速固化

對於不同類型的鐵氧體有良好的接著力，如永久性磁鐵、變壓器鐵芯等應用

Durable, impact-resistant, high-strength and chemical-resistance properties. With high strength and fast fixture time.

For gaps smaller than 0.25mm. Curing time within 2 minutes.

Good adhesion on different types of ferrites, such as permanent magnets, transformer cores and other applications.



31330 高黏度 單劑型 金屬機械應力專用

High viscosity, single compound, especially for metal mechanical stress

金屬平面接著專用，需搭配促進劑使用

可填補間隙，硬化後具有高效的耐震動及耐衝擊能力

對應黏著不同基材，包含金屬、鐵氧體等，

電機類零組件，為最高強度要求之金屬接著方案

Especially for the flat metal surface bonding usage. Using it with activator is required.

It can fill the gaps, and provide good vibration and impact resistance after fully cured.

For bonding different metal substrates, including metal, ferrite and other motor components, it is a best metal bonding solution with the highest strength requirements.



31332 膏狀 單劑型 耐高溫專用

Gel type, single compound, for high temperature usage

膏狀不垂流，可填補一般間隙，硬化後具高效的耐震動及耐衝擊能力
可選擇130°C以上熱烘烤固化

耐高溫200°C，滿足高工作溫度之金屬或鐵氧體等電機類零組件黏接

Low fluidity, for vertical surface, it can fill gaps. After curing, it provides excellent vibration and impact resistance.

It can be cured by heating it above 130°C.

High temperature resistance of 200°C, it is suitable for bonding motor components such as metals or ferrites that come with high working temperatures.



MXBON



MXBON壓克力平面結構膠具有優異的機械抗性，可滿足需要高剪切強度、抗剝離力、耐衝擊、抑制震動的工業接著或密封應用。單劑型雙步驟操作，預先塗抹促進劑，不須依特定比例混和調配，即可在常溫下快速固定組裝零件，提供高效率、可靠且耐候性極佳的解決方案。

MXBON Acrylic Structural Adhesives were formulated to provide excellent mechanical resistance, including high shear strength, peel resistance and impact resistance, especially for metal bonding applications. MXBON Acrylic Structural Adhesives are single compound with two-steps operation. Pre-applied activator and no need to mix or allocate a specific ratio. Quick fixture time for assembling parts at room temperature, and it provides a highly efficient, reliable and weather-resistant solution.

產品技術資料 Technical Information

型號 Item No.	外觀顏色 Appearance	適合材質 Suitable Bonding Substrates			黏度 Viscosity mPa.s(cP)	黏補縫隙 Gap Performance 初固/全固 Setting Time/Fully Cured	剪切強度 Shear Strength N/mm ²	工作溫度 Working Temp. °C	其他固化機制 Other Curing Factor	促進劑 Activator
		塑膠 Plastic	玻璃 Glass	金屬 Metal						
31324	琥珀色液體 Amber liquid	◆	◆	◆◆◆	10,000–24,000	0.5–1mm 5min./24hrs	15–21	-55°C–150°C		037387
31326	琥珀色液體 Amber liquid	◆	◆	◆◆◆	11,000–25,000	0.25mm 2min./24hrs	≥ 15.2	-55°C–125°C		017649
31330	不透明無色至淺黃色液體 Opaque White to light yellow liquid	◆	◆	◆◆◆	45,000–90,000	0.5mm 5min./24hrs	15–30	-55°C–125°C		037387
31332	不透明無色至琥珀色液體 Opaque light yellow to Amber gel	◆	◆	◆◆◆	75,000–130,000	0.5mm 5min./24hrs	≥ 11	-55°C–200°C	熱烤 Heat cure 20min.@130°C 10min.@150°C	037387

*此列表之內容與數據皆以其產品技術資料表(TDS)為準。在決定選用膠之前，建議先進行實際測試以確保產品性能。
*The content and data within this list are based on the respective Technical Data Sheets (TDS) of each product. Before deciding on the adhesive to use, it is recommended to conduct actual tests to ensure product performance.

促進劑產品技術資料 Activator Technical Information

型號 Item No.	適用 Usage	特性 Property	主成分 Main Component	線上壽命 On-Part Life	乾燥時間 Dry Time
017649	厭氧膠 厭氧型結構膠 For anaerobic adhesives, anaerobic structural adhesives	厭氧膠促進劑適用於所有厭氧的加速固化，縮短固定時間，增加填縫能力。可先塗或後噴。典型應用：非活性金屬表面、金屬電鍍表面。 Anaerobic Adhesive Activator is suitable for all anaerobic adhesives and shortening the fixture time. We can apply it first or spray it later. Typical applications: inactive or plating metal surfaces.	丙酮 Acetone 庚烷 Heptane	30 days	< 60 sec
037387	壓克力結構膠 Acrylic structural adhesives	結構膠促進劑用於壓克力結構膠的硬化過程，提高固化速度。單面塗抹再與另一側膠體接觸壓合，對於較大間隙(>0.4mm)或者快速固化的要求，可兩側塗抹。 Structural Adhesive Activator is used in the hardening process of acrylic structural adhesive in order to increasing the curing speed. Apply it on one-side and apply acrylic structural adhesives on the other side, then bond and press them together. For larger gaps (>0.4 mm) or fast curing requirements, it can be applied on both sides.	庚烷 n-Heptane 異丙醇 2-Pronanol	2 hrs	< 120 sec