

## AC490Cyanoacrylate Adhesive AC490 氰基丙烯酸酯类胶粘剂

### LIQUID PROPERTIES 液体特性

Ester Base 酯类	2-Methoxyethyl α -cyanoacrylate 氰基丙烯酸酯类胶粘剂
Appearance 外观	Clear, colourless to pale yellow liquid 透明无色至微黄色液体
Flashpoint 闪点	>81°C
Density 比重	1,1
Shelf Life 保存期	12 months, unopened 密封条件下 12 个月
Viscosity (Brookfield) @ 23°C 23°C下黏度(Brookfield)	4-30cP
(Spindle1, 20rpm) (1号轴, 20转/分钟)	

### POLYMER PROPERTIES 聚合物特性

Appearance 外观	Clear, colourless 透明, 无色
Softening point 软化点温度	150
Full Cure Time 完全固化时间	24 hours 24 小时
Solubility 可溶性	DMF, acetonitrile, acetone 二甲基甲酰胺, 乙腈(氰甲烷), 丙酮
Temperature Range (°C) 温度范围	-54 to 82°C

### CURED PERFORMANCE 固化特性

#### Cure Speed 固化时间

Balsa/Balsa 轻质木材	2-10 seconds
Nitrile / Nitrile 丁腈橡胶	5-15seconds
PVC / PVC	20-50 seconds
Carbon Steel /Carbon Steel 碳钢	30-70 seconds
Polycarbonate / Polycarbonate 聚碳酸酯	25-60 seconds

#### Shear Strength 剪切强度

Grit Blasted Steel 喷砂钢材	>10N/mm <sup>2</sup>
Etched Aluminium 蚀刻铝材	>8 N/mm <sup>2</sup>
Nitrile Rubber 丁腈橡胶	>8N/mm <sup>2</sup>
Polycarbonate / Polycarbonate 聚碳酸酯	>6 N/mm <sup>2</sup>

#### Tensile Strength 拉伸强度

Nitrile Rubber 丁腈橡胶	>5N/mm <sup>2</sup>
Neoprene Rubber 氯丁橡胶	>5N/mm <sup>2</sup>
Synthetic rubber 人造橡胶	>2.5N/mm <sup>2</sup>

### PRODUCT STORAGE 产品储存

GYMCOL cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 10°C and 22°C, even efrigeration (not lower than 0°C ) can help to extend shelf life. Avoid exposure to strong light and heat sources. 理想情况下, 金固牢瞬干胶使用前应该保存在原先密封的容器里。容器保存在 10°C 到 22°C 的储存环境中; 避免强光和热源。冷藏条件(不低于零度)能够延长搁置寿命。

### DISCLAIMER 免责声明

The data contained within this Technical Data Sheet are furnished for information only and are believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. GYMCOL Limited and its associated companies accept no liability arising out of the use of this information or the products described herein.

本技术数据表中提供的数据仅供参考, 并且只保证在发布的时候的, 任何从其它渠道得到的资料, 我们不承担责任。决定产品的适用性是顾客自己的责任。金固牢公司和合作公司不对由于超出本产品说明之外的其它使用导致的结果承担责任。