

EXCELATE RUA-054BA

UV-curable acrylic acrylate

EXCELATE RUA-054BA is an acrylic acrylate that has excellent adhesion to metals (alumite, stainless steel) difficult-to-adhere base plastics. It can be used as a primer, but due to its high hardness it can also be used as a hard coat.

Feature

1. Suitable for various metal and plastic substrates.
2. Low shrinkage.
3. Because of its high hardness, it can also be used as a top coat.

Application

Primer for poorly difficult-to-adhere base plastics.



難接着基材のプライマー

Property (Typical)

Item	Condition	EXCELATE RUA-054BA
Component	—	Acrylic acrylate
Solid content(%)	—	72%
Viscosity(mPa·s, 25°C)	BM type	1800
Functional groups	Calculated value	3
Appearance	Visual	Pale yellow liquid
Solvent	—	Butyl acetate

Performance

Item		Condition	Result
Pencil hardness	On glass	Load 750g	6H
Adhesion	ABS	condition	100/100
	PC		100/100
	PMMA		100/100
	PET		100/100
	Nylon6		100/100
	Nylon66		100/100
	Aromatic Nylon		100/100
	PSt		100/100
	Aluminum		100/100
	Anodized Aluminum		100/100
	Magnesium alloy		100/100
	SUS304		100/100

Curing Conditions: $80\text{mW}/\text{cm}^2 \times 1200\text{mJ}/\text{cm}^2$

Others

When handling this product, please read the Safety Data Sheet (SDS) and strictly follow the usage instructions and precautions.

This content may be changed without notice.