

EXCELATE SUA-008

UV-curable soft-elastic urethane acrylate

EXCELATE SUA-008 is a polyether modified urethane acrylate with excellent flexibility.
Suitable as base resin for adhesives and soft-feel paints.

Feature

1. Excellent flexibility and water resistance.
2. High extensibility
3. It can be used as a base resin for adhesives and soft-feel paints.

Application

Adhesives, soft feel paints



Home appliances

Property (Typical)

Item	Condition	EXCELATE SUA-008
Component	—	Urethane acrylate
Solid content(%)	—	100
Viscosity (mPa·s, 25°C)	BM type	70000
Functional groups	Calculated value	2
Appearance	Visual	Pale yellow liquid
Solvent	—	—

Performance

Item		Condition	Result
Stretch ratio	Film	Test speed 200mm/min	200%
Hardness	Film	Durometer	A60
Pencil hardness	On glass	Load 750g	6B
Adhesion	ABS	JIS K5600-5-6	100/100
	PC	Grid adhesion test	100/100
	PET	(100 grids in total) 100 is perfect.	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.