

# **EXCELATE RUA-074**

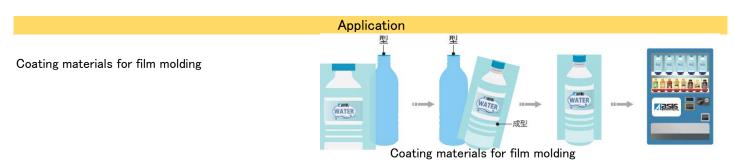
UV-curable soft-elastic urethane acrylate

EXCELATE RUA-074 is a polyester modified urethane acrylate with excellent flexibility.

It has high elongation and the coating film is strong.

### Feature

- 1. It has the physical properties of an elastomer, and the coating is strong.
- 2. It has high extensibility.
- 3. Suitable for coating materials for film molding and resin for ink.



# Property (Typical)

<u>Item</u>	Condition	EXCELATE RUA-074	
Component	_	Urethane acrylate	
Solid content(%)	_	100	
Viscosity(mPa·s, 60°C)	E type	23000	
Functional groups	Calculated value	2	
Appearance Visual		Pale yellow liquid	
Solvent	_	_	

#### Performance

Item		Condition	Result
Stretch ratio	Film	Test speed 200mm/min	240%
Hardness	Film	Durometer	A85
Pencil hardness	On glass	Load 750g	6B
Adhesion	ABS	JIS K5600-5-6 Grid adhesion test (100 grids in total) 100 is perfect.	100/100
	PC		100/100
	PET		100/100

Curing Conditions:  $80 \text{mW/cm}^2 \times 900 \text{mJ/cm}^2$ 

## 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.