

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.

Application

Coating materials for film molding



Property (Typical)

Item	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	100/100
	PC	Grid adhesion test	100/100
	PET	(100 grids in total) 100 is perfect.	100/100

Curing Conditions: 80mW/cm² × 900mJ/cm²

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.