

EXCELATE SUA-023

UV-curable soft-elastic urethane acrylate

EXCELATE SUA-023 is a polyether modified urethane acrylate with excellent flexibility.
The coating film after curing has excellent transparency and weather resistance.
It is suitable as a base resin for adhesives and soft-feel paints.

Feature

1. Excellent flexibility and water resistance.
2. There is little yellowing of the coating after curing, and it has excellent weather resistance.
3. Can be used as a toughness imparting agent and flexibility imparting agent.

Application

Film coating material, adhesive, UV curing paint modifier



PVC sheet coating

Property (Typical)

Item	Condition	EXCELATE SUA-023
Component	—	Urethane acrylate
Solid content(%)	—	100
Viscosity (mPa·s, 60°C)	E type	11000
Functional groups	Calculated value	2
Appearance	Visual	Pale yellow liquid~solid
Solvent	—	—

Performance

Item	Condition	Result
Optical properties	Haze	Haze value including PET
	Total Light Transmittance	PET transmittance
Stretch ratio	Film	Dumbbell No. 2
Breaking Strength		Test speed 200mm/min
Hardness	Film	Durometer
Pencil hardness	On glass	Load 750g
Adhesion	ABS	JIS K5600-5-6
	PC	Grid adhesion test
	PET	(100 grids in total) 100 is perfect.

Optical property test conditions: Sandwiched between PET films and UV cured

Curing Conditions: 80mW/cm² × 1000mJ/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.