

Adhesives Industrial Use

Applications

For flexible packaging materials

- Plastic films (for food packaging and flexible packaging materials)

For industrial use

- Plastic films and sheets, metallic foils, synthetic leathers (TPU/PVC), tarpaulins, and TPU belts

Characteristics

For flexible packaging use

- Excellent in surface wettability on plastic films, making it applicable to gravure coating for thin films. There are also grades available that are applicable to aluminum foil / transparent vapor deposition film.

For Industrial use

- We offer grades that have excellent adhesion to plastic films like flexible PVC and TPU. These grades are suitable for various coating methods, including thin film coating with a gravure coater and thick film coating with roll or knife coaters.
- By selecting specific polyols and curing agents, they can achieve desired characteristics such as heat resistance, durability, and anti-yellowing.

Representative Products

■ Main components

Product name	Non-volatile component(%)	Viscosity (mPa·s/25°C)	Solvent composition	Recommended hardener	Compounding ratio (specific gravity ratio), main component : hardener	Application and characteristic
For flexible packaging material						
A-154-2	70	4,000~6,000	EA	C-88	18 : 18	General-purpose, Quick-curing
A-159	60	600~1,000	EA	C-89(F)	18 : 18	General-purpose, Applicable to transparent vapor deposition
A-348	50	900~2,200	IPA, EA	C-93	15 : 1.1	Diluted with alcohol
E-263	63	2,500~4,000	EA	C-26	15 : 3	Boiling suitability, also applicable to transparent retort pouch
E-372	65	3,500~6,500	EA	C-76	17 : 2	For plastic films/metallic foils
				C-84	17 : 3	For plastic films/metallic foils/semi-non-yellowing type
A-601E	60	1,400~3,000	EA	C-76	18 : 2	For plastic films/metallic foils
				C-83	18 : 1	For plastic films/metallic foils/Non-yellowing type
For industrial use						
E-256-40	40	1,000~2,000	TOL, MEK	C-76	100 : 3.2	Adhesion to PET, High-Tg
E-295NT	60	3,500~5,000	EA	C-75N	100 : 10	Applicable to PET film, Toluene-free type
U-507EA	45	100,000~150,000	EA	UD-C	100 : 6	High crystallinity ester-based PU for PVC/woven fabric, Toluene-free type
U-588NT-1	30	600~1,500	EA, MEK	UD-C	100 : 6	Durability improved grade of U-507EA
U-845	45	80,000~120,000	TOL, EA	C-75N	100 : 6	Semi-non-yellowing grade of U-507EA
T-619(B)	22	6,000~20,000	THF, DMF, Ace	UD-C	100 : 5	For conveyor belt, High durability type
T-729	30	3,000~6,000	EA	C-18	100 : 10	For PVC/PEF, Standard grade, Toluene-free type
T-744	25	6,000~12,000	THF, DMF, Ace	UD-C	100 : 5	For conveyor belt, Ester-based PU type
DUX-1020	50	700~1,800	EA	C-99	30 : 1	Moisture and heat resistance, chemical resistance, lightfastness
DUX-210-5	50	200~500	EA	C-99	30 : 1	Moisture and heat resistance, chemical resistance, lightfastness, low viscosity

■ Hardeners

Product name	Non-volatile component(%)	Viscosity (mPa·s/25°C)	Solvent composition	Application and characteristic
C-18	100	100~300	—	Excellent heat resistance / room temperature curing
C-26	40	1~30	EA	Standard grade
C-75N	75	100~600	EA	Non-yellowing
C-76	75	500~2,000	EA	Standard grade
C-83	100	1,500~3,000	—	Non-yellowing
C-84	60	20~100	EA	Semi-non-yellowing
C-88	80	1,000~4,000	EA	For A-154-2
C-93	93	500~1,000	EA, Ace, EtOH	For A-348
C-99	100	200~400	—	Non-yellowing
C-89(F)	80	1,000~4,000	EA	For A-159
UD-C	75	1,000~2,000	EA	Standard grade