

●Sulfur-free factice

Name	Acetone extract [%]	Ash [%]	Specific gravity at 20°C	Appearance	Net wt. [kgs]
U-8	33~39	≤0.2	1.01	White powder	15
U-10	34~40	≤0.2	1.01		

○Applications

NBR·CR·CSM·U·EPDM

TPE

PO·PVC etc.

○Uses

autoparts, office automation equipments and other industrial articles

- They can be used in case of crosslinking by organic peroxides.
- Addition of 5 to 10 phr improves permanent compression set in case of sulfur vulcanizing.
- They change color to pale yellow under UV exposure for a long time. "U-10" is high grade type, so color change is less than "U-8".
- As a special use, they are used for some cleaners and purge agents for resin.

Name	Viscosity at 40°C	Refractive index at 20°C	Acid value	Specific gravity at 25°C	Net wt. [kgs]
Liquid F-3	Z3~Z5	1.4845~ 1.4865	≤30	1.00	17

○Applications

Rubbers·polymers

○Uses

autoparts, office automation equipments, lubricating oils, tackifiers, adhesives, paints etc.

- It is pale yellow viscous liquid like starch syrup.
- It gels irreversibly by sulfur, organic peroxides, isocyanates or other agents, and UV or heat. Acetone extract of gel is 20 to 30 wt%.
- In the compound, it works as liquid processing aid, but after the reaction it shows the same effects as solid factices.
- Increase of crosslinking agents quantity may need because of the consumption by "F-3".