

Product Data Sheet

PLASTOGEN[®] E



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PLASTOGEN E is an effective liquid plasticizer and mild processing aid for all elastomers. It is based on a mixture of high molecular weight sulfonic acid and low viscosity mineral oil.

CHEMICAL

COMPOSITION: Alkylaromaticsulfonic acid in a low viscosity mineral oil.

APPEARANCE: Mahogany liquid

TYPICAL

PROPERTIES: Viscosity, SUS, @ 37.8°C (ASTM D 445, DIN 51 550)	41
Acid Number (ASTM E 301)	1.1mg KOH/g
Density @ 15.6°C (ASTM D 4052)	0.88 g/ml
Weight Per Gallon @ 25°C	7.3 lbs
Flash Point, COC (ASTM D 92, DIN 51 376)	115°C (239°F)

Note: The above analytical data are not specifications.

APPLICATIONS: All Elastomers

Typical Treat Levels
3 - 15 phr

ADVANTAGES: * **Effective plasticizer and softener in all elastomers**
* **Useful in sponge and low durometer stocks**

SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

STANDARD

PACKAGING: 385 lbs (175 kg) closed head drum.

STORAGE

CONDITIONS: Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46°C (115°F)

(see reverse side)

PLASTOGEN[®] E

- SHELF LIFE:** Best if used within 2 years from the date of manufacture.
- HANDLING:** Avoid all personal contact. Observe good personal hygiene. For additional information, it is advised to consult the Material Safety Data Sheet (MSDS) for **PLASTOGEN E**.
- REGISTRATION:** Please refer to Section 15 of the Material Safety Data Sheet for information.

For Samples or Technical Service contact King Industries or your King representative.

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Issued: 12/05

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