

Product Data Sheet



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REOGEN[®] E12

REOGEN E12 is a processing aid designed to increase the filler loading, especially silica, in elastomer compounding while maintaining workable viscosity with minimal impact on mechanical properties.

CHEMICAL

COMPOSITION: Organic acid in alkylated aromatic fluid

APPEARANCE: Dark mahogany liquid

TYPICAL

PROPERTIES: Viscosity @ 40°C (ASTM D445)	125 cSt
Acid Number (ASTM E 301)	2 mg KOH/g
Density @ 15.6°C (ASTM D 4052)	0.888 g/ml
Weight Per Gallon @ 25°C	7.40 lbs
Flash Point, COC (ASTM D 92, DIN 51 376)	>260°C

Note: The above analytical data are not specifications.

APPLICATIONS: All Elastomers. Typical Treatment Level range 3-10 phr

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

STANDARD

PACKAGING: 400 lbs closed head drum.

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

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 **REOGEN E12**.

REGISTRATION: Please refer to Section 15 of the Material Safety Data Sheet for information.

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