

# SEQENS

ADVANCED SPECIALTIES

## MODENS BS

Polar modifier for high performance SBS copolymer

Synonyms/Trade names

DEP  
1,2-diethoxypropane

CAS Number

10221-57-5



CONTINUUM OF PROGRESS

**MODENS BS** is used as a randomizer during the anionic polymerization of SBS (Styrene-Butadiene-Styrene) to control the microstructure of the polymer, providing high vinyl content and enhanced distribution of styrene. MODENS S is usually used at a temperature above 50°C with alkyl lithium initiator in a hydrocarbon solvent, usually hexane.

SBS thermoplastic elastomer has the advantage to have the characteristics of both plastic and rubber, it is constituted by a short polystyrene chain, followed by another long polybutadiene chain and finally by another short polystyrene chain.

It is used for asphalt modification as well as compounding, sealants, adhesives and medical devices.

#### **MODENS BS** functions:

- control the microstructure of the polymer
- provide high vinyl content
- enhanced distribution of styrene

#### Specifications

CHEMICAL AND PHYSICAL PROPERTIES	UNIT	SPECIFICATION
Purity	%	Min. 99.5
Appearance	-	Clear colourless liquid
1-ethoxy-2-propanol Content	%	Max. 0.30
Water Content	%	Max. 0.05

**Packaging:** Drums 175kg net

**Safe Use and Handling:** For specific safe use and handling information, or to obtain the diethoxypropane Safety Data Sheet, contact your local SEQENS Advanced Specialties representative.

**Shelf Life:** Shelf life of diethoxypropane is 2 years when product is stored in the conditions recommended in the MSDS. After this period, product can be retested for shelf life extension if needed.

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