

SEQENS

ADVANCED SPECIALTIES

MODENS BR

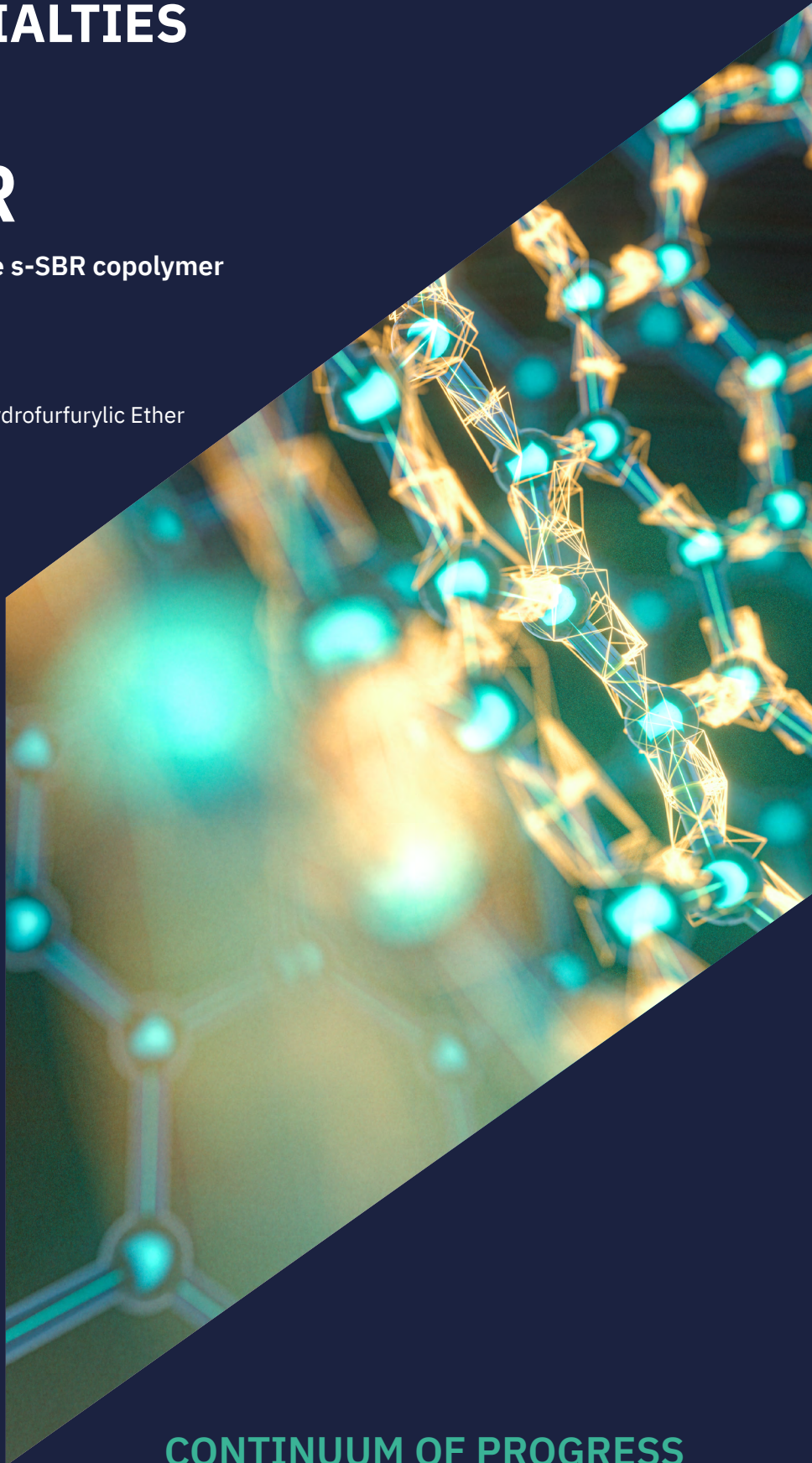
Polar modifier for high performance s-SBR copolymer

Synonyms/Trade names

E.T.E
Ethyl Tetrahydrofurfurylic Ether

CAS Number

62435-71-6



CONTINUUM OF PROGRESS

MODENS BR is a sterically hindered polar modifier used during the production of s-SBR (solution Styrene Butadiene Rubber) to control and obtain a narrow molecular weight distribution. MODENS R is usually used at a temperature above 80°C with alkyl lithium initiator in a hydrocarbon solvent such as hexane.

The property of s-SBR differs from traditional rubber as its composition can

be customized by variations and levels of functionalization according to the processing and application demands.

s-SBR applies to meet or exceed the tire labeling requirements about fuel efficiency, safety and noise for cars and lightweight vehicles thanks to its low rolling resistance, high traction during braking and low abrasion.

MODENS BR functions:

- control the microstructure by improving styrene distribution in the polymer
- control the molecular weight distribution
- provide high vinyl content to increase Tg of polymer for an excellent balance of handling, traction and resistance properties

Specifications

CHEMICAL AND PHYSICAL PROPERTIES	UNIT	SPECIFICATION
Purity	%	Min. 99.0
Appearance	-	Clear colourless liquid
THFA Content	%	Max. 0.5
DBPC Content	PPM	100 - 150
Water Content	%	Max. 0.25

Packaging: Drums 180kg net, under protective nitrogen atmosphere

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

Shelf Life: Shelf life of Ethyl Tetrahydrofurfurylique Ether 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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PCAS
21 chemin de la sauvegarde
69134 ECULLY CEDEX
FRANCE

WWW.SEQENS.COM

