

Difunctional alicyclic vinyl sulfone VSTCD

Product

Unique monomer with alicyclic structure and difunctional vinyl sulfone

Application

Transparent resin with high heat-resistance for optical devices

Feature

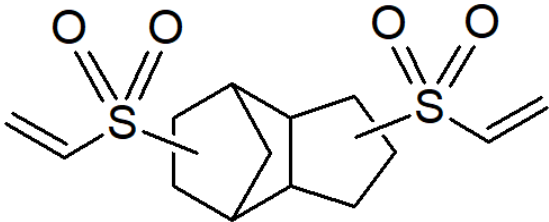
High heat-resistance, transparency, refractive index and Abbe's number

BACKGROUND

JMTC has concluded a license agreement for the difunctional alicyclic vinyl sulfone developed by JSR Corporation and Tokyo Institute of Technology.

PRODUCT OVERVIEW

The monomer with alicyclic structure and difunctional vinyl sulfone is expected to be used as an ingredient for transparent polymers such as Poly(thioether-sulfone) having high refractive index and high Abbe's number. The monomer can also enhance heat resistance of the polymer.

Chemical Name	Bis(vinylsulfone)- tricyclo [5.2.1.0 ^{2,6}] decane	
Molecular Formula	C ₁₄ H ₂₀ O ₄ S ₂	<p style="text-align: center;">< Chemical Structure ></p> 
Molecular Weight	316.4	
Appearance	Powder	

PRODUCT FEATURE

**High
Refractive Index**

1.6228
(Polymer)

**High
Abbe's number**

45.8
(Polymer)

**High
Heat-resistance**

Tg 113°C
(Polymer)

Contact information