

Technical Data Sheet

version 2014/10/1 Shin-Etsu Chemical Co., Ltd.

NBN-30-ID

Silicone-modified Polynorbornene

Film Former

■ Features & Advantages	Hard film former		
_	Flexible film		
	 Spinnability 		
	Water resistant effect		
■ Applications	Make-up		
	Sunscreen		
■ Percentage of use	0.5-30 %		
■ INCI name	ISODODECANE (AND) NORBORNENE/ TRIS (TRIMETHYLSILOXY) SILYLNORBORNENE COPOLYMER		
■ Structure	Norbornyl		
	Siloxane		

■ Characteristics

Properties	Unit	Values	Standard method / condition
Appearance (color)	_	Colorless	Visual observation
Appearance (transparency)	_	Transparent	Visual observation
Appearance (texture)	_	Liquid	Visual observation
Viscosity	Pa⋅s	300	Rotatory Viscometer
Percentage of active raw material	%	30	

(Not specific values)

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■ Processing (How to use)	The product is ready to use.		
■ Packaging	15 kg can, 150 kg drum		
■ Storage	The silicone products may deteriorate when it comes in contact with heat, light, acid, alkaline, etc.		
	Be sure to seal tightly and store in a cool dark place away from heat and flame.		
■ Safety	Please consult our MSDS.		

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