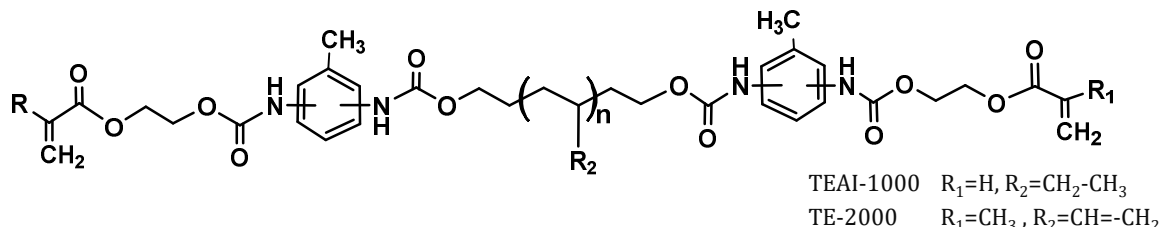


## Technical Data Sheet: NISSO-PB TE Series

### Urethane Methacrylate-Terminated Polybutadiene



#### TE Series - Grade List

Grade	Mn (g/mol)	Viscosity (Poise at 45°C)	Terminal structure	1,2-Vinyl (%)	Tg (°C)	Acryl equivalent (g/eq)
TEAI-1000	2,000	3,000	Urethane acrylate	< 7	-14	1350
TE-2000	2,500	1,500	Urethane methacrylate	88	-9	1750

#### Description

The grades of TE Series are polybutadiene acrylate resins with (meth)acryl groups attached to both ends of either polybutadiene or hydrogenated polybutadiene via urethane bond. Because of the reactivity of the (meth)acryl groups, this Series can be used in various compositions such as adhesive and paint applications.

#### Properties

Highly flexible structure  
 Hydrophobicity  
 Low dielectric constant  
 Good chemical resistance  
 Reactive (meth)acryl groups  
 Excellent curing with highly-active vinyl groups(TE-2000)

#### Application

Adhesives, UV curable resins, electrical insulating materials, cast resins

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