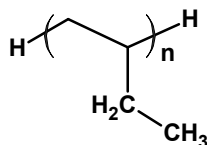


Technical Data Sheet: NISSO-PB BI Series

Hydrogenated Polybutadiene



BI Series - Grade List

Grade	Mn (g/mol)	Viscosity (Poise at 45°C)	Terminal structure	1,2-Vinyl (%)	Tg (°C)	Specific gravity (25°C/4°C)
BI-2000	2,200	60	H	< 7	-51	0.86
BI-3000	3,300	180	H	< 7	-44	0.87

Description

The BI Series grades are hydrogenated homopolymers of butadiene, derived from the B Series. Due to the saturation of the 1,2-vinyl groups these polybutadienes possess excellent long-term chemical stability in terms of UV and weather resistance.

Properties

Highly flexible structure
Hydrophobicity
Low dielectric constant
Good chemical resistance
Long-term stability

Application

Resin modifiers, plasticizers, adhesives, paints, electrical insulating materials

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