



Technical Data Sheet

Intene®

BR

40 AF

Butadiene Rubber

Intene® 40 AF is a solution polymerized low cis polybutadiene produced using an alkyl lithium catalyst. A TNPP free, food contact approved, non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Solution Viscosity	ASTM D 445	cP	100 ⁽¹⁾
Cis - 1:4 Content	Internal Method	% wt	38
Gel rating	Internal Method		5 max
Colour	ASTM E 308		5
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.05 max

⁽¹⁾ 5% wt/wt in Styrene at 25°C

Key Features

Low cis BR is the polybutadiene of choice to produce high impact Polystyrene (HIPS). It is particularly suited to HIPS processes where a lower solution viscosity is required.

Main Applications

Impact improver to be used in polystyrene and ABS manufacturing.

Physical Form

White to cream colored bales wrapped in styrene soluble film.

Packaging

Returnable metal crate, nominal net weight 1190 kg; 33 Kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; with no direct sunlight.
Shelf life: 12 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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November 2022

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