



## Technical Data Sheet

# Intene®

BR

# 60 AF

Butadiene Rubber

Intene® 60 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	250 <sup>(1)</sup>
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

<sup>(1)</sup> 5% wt/wt in Styrene at 25°C

## Key Features

Low cis BR is the polybutadiene of choice to produce high impact Polystyrene (HIPS). Intene® 60 AF is particularly suited to applications where environmental stress cracking properties and/or improved impact strength are 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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