



versalis

## 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 at the Grangemouth production facility in Scotland, UK.  
A TNPP/BHT free, food contact approved, non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Solution Viscosity	Internal Method	cP	250 <sup>(1)</sup>
Cis - 1:4 Content	Internal Method	%	38
Gel Rating	Internal Method		5 <sup>(1)</sup> max
Colour	Internal Method		5 <sup>(1)</sup>
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

Water white to pale amber coloured 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; no direct sunlight.  
Shelf life: 12 months minimum.

