

# INTENE® 50 A-AF

Low Cis Polybutadiene Rubber

Versalis S.p.A.

## Message:

Intene® 50 A-AF are solution polymerized low cis polybutadienes produced using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK.

A food contact approved, non-staining antioxidant as indicated below is added during the production process.

### Key Features

Low cis BR is the polybutadiene of choice to produce high impact Polystyrene (HIPS).

The solution viscosity typical value of 170 cP is preferred by most users.

Intene® 50 A - TNPP free antioxidant system;

Intene® 50 AF - TNPP and BHT free antioxidant system.

### Main Applications

Impact improver to be used in polystyrene and ABS manufacturing.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	High Impact Resistance		
Uses	Plastics Modification		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
1,4-cis Content	38.0	wt%	Internal Method
Ash Content	< 0.1	wt%	ASTM D5667
Gel Rating - 5% wt/wt in Styrene (25°C)	< 5		Internal Method
Solution Viscosity - 5% wt/wt in Styrene (25°C)	170	mPa·s	Internal Method
Volatile Matter	< 0.75	wt%	ASTM D5668
Alpha Color - 5% wt/wt in Styrene (25°C)	5.00		ASTM D1209

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