

# INTENE® 40 AF

Low Cis Polybutadiene Rubber

Versalis S.p.A.

## Message:

Intene ® 40 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.

### 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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	BHT Free		
	Food Contact Acceptable		
	High Impact Resistance		
	Low Viscosity		
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)	100	mPa · s	Internal Method
Volatile Matter	< 0.75	wt%	ASTM D5668
Alpha Color	5.00		ASTM D1209

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