



MULTIPLIED PERFORMANCE

Low-cis Polybutadiene Rubber (Low-cis BR)

Low-cis polybutadiene rubber (BR) produced by a solution process was developed in 1950-60's and arose from the increasing interest in the use of anionic polymerization to create polybutadienes of consistent and precise structure. Over time, low-cis BR (both linear and branched) has become the product of choice for the industrial modification of plastics in High Impact PolyStyrene (HIPS) or Acrylonitrile – Butadiene – Styrene (ABS) and in tire application.

Intene® K is a low 1,4-cis polybutadiene produced by solution polymerization in an aliphatic solvent, thus greatly improving the environmental friendliness of the whole process.

Intene® L-CIS

GRADE NAME	Cis content % wt	Viscosity 5% in Styrene 25°C	Color (b°)(max)	Stabilizer	Main Applications
INTENE K 30 AF	38	65	5	Food approved	HIPS & ABS
INTENE K 40 AF	38	100	5	Food approved	
INTENE K 50 AF	38	170	5	Food approved	
INTENE K 60 AF	38	250	5	Food approved	
INTENE K C 30 AF	38	42	5	Food approved	

Intene® L-CIS

GRADE NAME	Cis content % wt	Mooney viscosity ML (1+4) 100°C	Stabilizer	Main Applications
INTENE K 50	38	48	Non staining	TYRE
INTENE K C 30 AF	38	40	Non staining	

Europrene® High Vinyl

GRADE NAME	Vinyl content % wt	Mooney viscosity ML (1+4) 100°C	Stabilizer	Main Applications
EUROPRENE HV 80	77	70	Non staining	TYRE TREAD COMPOUND



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低顺式聚丁二烯橡胶 (Low-cis BR)

以溶液聚合方法生产低顺式聚丁二烯橡胶(LCBR)始于20世纪50-60年代, 缘于阴离子聚合方法生产的聚丁二烯具有一致而精确的结构, 从而引起人们持续增长的关注。随着时间的推移, 低顺式聚丁二烯(包括线性和支化结构)已经成为塑料工业中高抗冲聚苯乙烯(HIPS)和ABS树脂的首选, 同时也用于轮胎行业。

Intene® K是一种以脂肪烃为溶剂、采用溶液聚合方法得到的低1,4-顺式含量的聚丁二烯。在生产全程中, 环保性得到大幅改善。

Intene® L-CIS 低顺式聚丁二烯

牌号	顺式含量, % wt	25°C在5%苯乙烯溶液中的粘度	APHA 色度	稳定剂	主要应用
INTENE K 30 AF	38	65	5	食品接触认可	HIPS & ABS
INTENE K 40 AF	38	100	5	食品接触认可	
INTENE K 50 AF	38	170	5	食品接触认可	
INTENE K 60 AF	38	250	5	食品接触认可	
INTENE K C 30 AF	38	42	5	食品接触认可	

Intene® L-CIS 低顺式聚丁二烯

牌号	顺式含量, % wt	门尼粘度 ML (1+4) 100°C	稳定剂	主要应用
INTENE K 50	38	48	非污染型	轮胎
INTENE K C 30 AF	38	40	非污染型	

Europrene® 高乙烯基聚丁二烯

牌号	乙烯基含量, % wt	门尼粘度 ML (1+4) 100°C	稳定剂	主要应用
EUROPRENE HV 80	77	70	非污染型	胎面胶