

BUTADIENE RUBBER

High CIS 1,3 – Polybutadiene Rubber (Grade 1210s)

Raw Material			
Typical Properties	Test Method	Unit	Value
CIS Content	ZEON R - 130A	WT%	MIN 97
Raw Mooney Viscosity	ZEON R - 007B ASTM D - 1646	ML- 4	35-45
Volatile Material	ZEON R - 001B ASTM D - 1416	WT%	MAX 0.5
Ash Content	ZEON R - 130A ASTM D - 1416	WT%	MAX 0.3
Solution Viscosity 5% in Styrene@ 25 °C	RX-011A	Cps	50-70
Color Index 5% in Styrene	ASTM D - 1209	APHA	MAX.30

Other Specifications	
Typical Properties	
Gel content	Low
Antioxidants type	Non Staining - High Quality -Food Grade
Catalyst type	Cobalt
Standard packaging	35 Kg Bales in Modified P.S. film & Each 36 Bales are in a Box Pallet
Storage life	12 month

Composition:

BR – 1210s is a stereo specific high CIS – 1,4 polybutadiene . It is manufactured by a solution process using a cobalt catalyst which produces polymers with a very light colour & low level of impurities . BR – 1210s contains a non-staining high quality stabilizer system which complies with compositional requirement of the food packaging regulation .

Applications:

BR -1210s used for the production of toughened polystyrene employing grafting porcesses.

Storage:

BR- 1210s should be stored in an adequately ventilated area where it will not be subjected to sunlight,extreme temperatures or sources of ignition .

Under these conditions BR– 1210s should have a storage life of at least 12 months from the date of production .