

TJPC 1202

High Cis Polybutadiene Rubber – (PBR)

CHARACTERSTICS

High-Cis Polybutadiene rubber “TJPC 1202” is produced by a technology of solution polymerization based on Ziegler-Natta (Cobalt) catalyst. It has more than 96% of 1,4 Cis content and very low glass transition temperature. TJPC 1202 suitable for plastic modification and has a low gel content, low color value and consistency viscosity.

APPLICATION

TJPC 1202 is appropriate for production HIPS.

Typical Properties¹

Typical Properties	Units	Values	Test method
Mooney viscosity (ML 1+4 @ 100 °C)	MU	40-50	ASTM D1646
Cis Content	wt%	MIN 96	Internal Method
Volatile Material	wt%	MAX 0.70	ASTM D1416
Ash Content	wt%	MAX 0.3	ASTM D1416
Solution Viscosity 5% in Styrene @ 25 °C	Cps	50-70	Internal Method
Gel Content	PPM	MAX 2000	Internal Method

¹ to each shipping lot/delivery a quality certificate including data on properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

PACKAGING

- 35 ±0.5 KG bales wrapped with polystyrene film.
- 36 bales per crate (1260±18 KG).

TRANSPORTATION

TJPC 1202 is typically transported in covered road trucks, in covered railway carriages and in standard shipping containers. TJPC 1202 is not a dangerous material to transport.

STORAGE

Product should be stored in sheltered conditions away from direct sunlight away from radiant heating elements and the temperature should not exceed 30°C.

