

Technical Datasheet

TJPC 1507

1) General Information:

Styrene-Butadiene Rubber “TJPC1507” is produced by a technology of cold emulsion copolymerization based on soaps of rosin and fatty acids and contains 23.5% of chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant and stabilized by a non-staining antioxidant.

TJPC® 1507 has very good properties such as process ability, abrasion resistance, and less tendency to scorching.

2) Application:

TJPC1500 is appropriate for Light colored, translucent products such as sponge, industrial goods, rubberized fabric, and toys. In addition, black products requiring good processability.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mooney viscosity (ML 1+4@ 100°C)	ASTM D1646	MU	30-40
Mooney viscosity (ML 1+4@ 100°C) ²	ASTM D1646	MU	<67
Volatile matters	ASTM D5668	%wt.	<0.75
Total ash	ASTM D5667	%wt.	<1.5
Organic acids	ASTM D5774	%wt.	4.75-7.5
Soaps	ASTM D5774	%wt.	<0.5
Bounded styrene	ASTM D5775	%wt.	22-25
Tensile strength (35 min cured) ²	ASTM D412	Kg/cm ²	>240
Ultimate elongation (35 min cured) ²	ASTM D412	%	160-200
300 % Modulus (35 min cured) ²	ASTM D412	Kg/cm ²	160-200

Address: No. 3, 12th Floor, A Block, Babak Plaza Building, Babak Ave, Baku, Azerbaijan

Tel: +994 124880752 | Email: mr.info@mrchemicalaz.com | www.mrchemicalaz.com