

TJPC 1502

Cold Emulsion Styrene-Butadiene Rubber-(E-SBR)

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.

CHARACTERSTICS

Styrene-Butadiene Rubber "TJPC 1502" 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 1502 has very good properties such as processability, abrasion resistance, less tendency to scorching.

APPLICATION

TJPC 1502 is appropriate for rubber compounds used in the production of tire sidewall, floor coverings, bicycle tires, footwear, children toys, cables, hosepipes and various rubber articles having light color shades.

Typical Properties

Typical Properties	Units	Values 46-58	Test method ASTM D1646
Raw Mooney viscosity			
Volatile Material	% wt	< 0.75	ASTM D5668
Ash Content	% wt		ASTM D5667
Organic acids	% wt	4.75 -7	ASTM D5774
Soaps	% wt	< 0.5	ASTM D5774
Bounded styrene	% wt	22.5-24.5	ASTM D5775
Compound Mooney viscosity²			ASTM D1646
Tensile strength (35 min cured) ²	k /cm ²	>250	ASTM D 412
Ultimate elongation (35 min cured) ²		>350	ASTM D 412
% Modulus (35 min cured) ²	k /cm ²	167-207	ASTM D 412

Aydin Cure

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