

Emulsion Styrene-Butadiene Rubber



Indiapol SBR-1502

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About Product:

Synthetic rubber Indiapol SBR-1502 is styrene and butadiene copolymer obtained by cold emulsion polymerization using the soaps of rosin and fatty acids. The polymer is stabilized by non-staining antioxidants. It provides excellent physical & process properties with good color characteristics.

Product Summary:

Physical form	Light yellow colored bale wrapped in easily dispersible PE film.
Packaging	Individual bales having weight ~35kg are wrapped in PE film. Product is available in returnable metal crates consisting of 36 bales or individual paper bag.
Shelf Life	1 years from the date of manufacture.
Storage condition	The product should be stored in its original packing at ambient temperature in dry conditions away from heat, ultraviolet or direct sun light.
Safety Guidelines	Refer Safety Data Sheet for detailed information on product safety.
Applications	Tyres, shoes material, belt, rubber clothing, roller, rubber floor and hoses.

Product Specification:

Parameters	Limit	Test Method
Mooney viscosity ML 1+4 (100 °C), M	52 ± 6	ASTM D 1646
Organic acids, % wt	4.75-7.00	ASTM D 5774
Soap, % wt	0.50 max.	ASTM D 5774
Bound styrene, % wt	23.5 ± 1.0	ASTM D 5775
Volatile matter, % wt	0.75 max.	ASTM D 5668
Ash content, % wt	0.75 max.	ASTM D 5667
Compound properties (ASTM D 3185 Table 1A recipe), Curing 145 °C × 35 min:		
Tensile Strength, Kg/Cm ²	230 min.	ASTM D 412
Modulus (300%) , Kg/Cm ²	180 ± 20	ASTM D 412
Ultimate Elongation, %	330 min.	ASTM D 412

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