

COLD POLYMERIZED EMULSION-STYRENE BUTADIENE RUBBER (E-SBR)

Product	Main Applications	Viscosity ML 1+4 (100°C) ¹	Bound Styrene [% RHC]	Stabilizer	Oil [phr]	Emulsifier
BUNA™ SB 1500-Schkopau	Multi-purpose rubber, tires, technical rubber goods, conveyor belts	50	23.5	Staining	-	Rosin soap
BUNA™ SB 1502-Schkopau	Multi-purpose rubber, tires, technical rubber goods, shoe soles, light colored & food contact rubber goods	50	23.5	Non staining	-	Mixed acid soap
BUNA™ SB 1723-Schkopau	Tires, conveyor belts, technical rubber goods	49	23.5	Staining	TDAE 37.5	Mixed acid soap
BUNA™ SB 1739-Schkopau	Tires with improved grip, handling and wear	53	40.0	Staining	TDAE 37.5	Mixed acid soap

SOLUTION-STYRENE BUTADIENE RUBBER (S-SBR)

Product	Main Applications	Viscosity ML 1+4 (100°C)	Bound Styrene [% RHC]	Vinyl Content [% Bd]	Oil [phr]	Functional Modification
SPRINTAN™ SLR 4601-Schkopau	Improved balance between wet grip and rolling resistance for fuel efficient tire treads, summer & all-season tires	50	21.0	62.0	-	GEN 1 CB ++ Silica +
SPRINTAN™ SLR 4602-Schkopau	Excellent balance between wet grip and rolling resistance for fuel efficient tire treads, summer & all-season tires, carbon black & silica formulation	65	21.0	62.0	-	GEN 2 CB ++ Silica ++
SPRINTAN™ SLR 3402-Schkopau	Excellent dynamic stiffness and low rolling resistance for silica- and/or carbon black-filled tire tread compounds for winter tires	65	15.0	30.0	-	GEN 2 CB ++ Silica ++
SPRINTAN™ SLR 4502-Schkopau	Outstanding rolling resistance/abrasion for fuel efficient tire treads based on silica and/or carbon black; excellent miscibility in blends with BR; applicable in summer, all-season, as well as in HP/UHP tires	60	20.0	53.0	-	GEN 2 CB ++ Silica ++
SPRINTAN™ SLR 4630-Schkopau	Excellent balance between good wet traction and low rolling resistance for silica- and/or carbon black-filled tire tread compounds, summer, winter and all-season tires	55	25.0	62.0	TDAE 37.5	
SPRINTAN™ SLR 4633-Schkopau	Outstanding rolling resistance/abrasion for fuel efficient tire treads based on silica and/or carbon black for use in summer and all-season as well as in HP/UHP tires	80	21.0	62.0	TDAE 30.0	GEN 3 CB +++ Silica +++
SPRINTAN™ SLR 6430-Schkopau	High wet grip, improved wear & handling combined with low rolling resistance for high performance tire treads	67	40.0	24.0	TDAE 37.5	

¹ massed sample

BUTADIENE RUBBER (BR), GENERAL PURPOSE GRADE

Product	Main Applications	Catalyst	1.4-cis Content [%]	Branching/ Mol Weight Distribution	Viscosity ML 1+4 (100°C) ¹	Volatile Matter [%]	Total Ash [%]
BUNA™ cis132-Schkopau	Tires, conveyor belts, footwear, technical rubber goods, offers excellent processability	Nickel	95	Low/Broad	45	0.25	0.05

BUTADIENE RUBBER (BR) FOR PLASTICS MODIFICATION

Product	Initiator	1.4-cis Content [%]	Vinyl Content [%]	Viscosity ML 1+4 (100°C)	Solution Viscosity [mPas]	Gel Index	Color APHA
SE PB 3501 - Schkopau	Lithium	38	9.5	44	46	2	5
SE PB 5800 - Schkopau	Lithium	37	11	51	170	2	5

2 km



DISTANCE BETWEEN
RESEARCH & DEVELOPMENT AND PRODUCTION

30 %



IMPROVED ROLLING RESISTANCE INDICATOR
TAN Δ 60°C WITH NEW S-SBR GRADES

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ISO CERTIFICATIONS
ISO 9001, ISO TS 16949, ISO 14001, ISO 50001