

Emulsion Polymerized Styrene-Butadiene Rubber (ESBR)

Grades	Bound styrene % wt ⁽¹⁾	Mooney viscosity ML (1+4) 100°C ⁽²⁾	Emulsifier	Coagulant
Dry Types				
Europrene / Intol 1500	23.5	52	Rosin acid	Acid + coag. aid
Europrene / Intol 1502	23.5	52	Fatty-rosin acid	Acid + coag. aid
Europrene 1502 F	23.5	52	Fatty-rosin acid	Acid + coag. aid
Europrene / Intol 1509	23.5	33	Fatty-rosin acid	Acid + coag. aid

Stabilizer	Main applications
Non staining	Tyres, retreading, conveyor belts, hoses, mechanical goods
Non staining	Tyres, footwear, sheeting, light coloured mechanical goods, flooring, adhesives
Non staining	Articles in contact with foodstuffs
Non staining	Footwear, microcellular soles, injection moulding, carpet underlay, extruded and calendered goods

Grades	Bound styrene % wt ⁽¹⁾	Mooney viscosity ML (1+4) 100°C ⁽²⁾	Oil Type	p.h.r. ⁽³⁾	Emulsifier
Oil Extended Types					
Europrene 1712	23.5	51	DAE	37.5	Fatty-rosin acid
Europrene / Intol 1723	23.5	48	TDAE	37.5	Fatty-rosin acid
Europrene 1732	32	49	MES	32.5	Fatty-rosin acid
Europrene / Intol 1739	40	52	TDAE	37.5	Fatty-rosin acid
Europrene 1778	23.5	49	NAPH	37.5	Fatty-rosin acid
Intol 1783	23.5	52	RAE	37.5	Fatty-rosin acid

Coagulant	Stabilizer	Main applications
Acid + coag. aid	Non staining	Tyres, retreading, conveyor belts, hoses, mechanical goods
Acid + coag. aid	Non staining	Tyres, retreading, conveyor belts, hoses, mechanical goods
Acid + coag. aid	Non staining	High hysteresis tyre tread compounds with improved wet road grip
Acid + coag. aid	Non staining	Footwear, flooring, microcellular articles, hoses, light coloured goods
Acid + coag. aid	Non staining	Tyres, retreading, conveyor belts, hoses, mechanical goods

Grades	Bound styrene % wt ⁽¹⁾	Carbon Black Type	p.h.r. ⁽³⁾	Oil Type	p.h.r. ⁽³⁾
Carbon Black Masterbatches					
Europrene 1605	23.5	N 550	50	–	–
Europrene 1606 T	23.5	N 330	52	TDAE	10
Europrene 1609 T	23.5	N 115	40	TDAE	5
Europrene 5564 T	19	N 234	52	TDAE	10

Emulsifier	Stabilizer	Main applications
Fatty-rosin acid	Non staining	Calendered and extruded technical articles, soles
Rosin acid	Non staining	Retreading, conveyor belts, mechanical goods, high performance soles
Rosin acid	Non staining	Conveyor belts, high performance tyre treads, cold retreading, technical goods
Fatty-rosin acid	Non staining	High quality tyre treads, cold retreading, conveyor belts, technical goods

Emulsion Resin-Rubber Masterbatch (HSR)

Grade	Bound styrene % wt ⁽¹⁾	Mooney viscosity ML (1+4) 100°C ⁽²⁾	Emulsifier	Coagulant
Europrene HS 630	63	56	Fatty-rosin acid	Acid + coag. aid

Stabilizer	Main applications
Non staining	High hardness soles and sheeting, microcellular sheeting, flooring, hoses, technical goods with high hardness

All grades are nitrosamine free.

(1) ASTM D 5775

(2) ASTM D 1646

(3) ASTM D 5774

Storage conditions: store in vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.