

HSR 1904

High Styrene Resin (HSR)

End Use

High Styrene Resin extended rubbers are used as a reinforcement for the manufacturing of soles of high quality and engineering rubber goods.

Form

This product is available in crumb form.

Packing

HSR 1904 rubber is supplied in four-ply paper bags weighing approximately 20 kgs each.

Technical Specification

Property	Type A	Type B	Type C
Styrene Content (%)	58 - 62	63 - 65	66 - 68
Ash Content (%)	0,6	0,6	0,6
Iron Content (%)	0.0035	0.0035	0.0035
Volatile Matter (%)	0,6	0,6	0,6
Organic Acid (%)	5,0 - 7,0	5,0 - 7,0	5,0 - 7,0
Soap (%)	0,25	0,25	0,25
Weight loss at drying (%)	0,8	0,8	0,8
Non polymerized styrene content (%)	0,15	0,15	0,15
Antioxidant Content (%): Trinonylphenylphosphite Wingstay T	1,0 - 2,0 0,7 - 2,0	1,0 - 2,0 0,7 - 2,0	1,0 - 2,0 0,7 - 2,0
Mooney Viscosity (ML 1+4 at 100°C)	44 - 58	44 - 58	44 - 58

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Note: The technical data listed in this publication are typical values. Therefore, there may be a slight differences between the elements of a supplied product and the data.