

KER[®] 9000

High-Styrene Rubber - HSR

Technical Data Sheet

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Previous editions of this document have lost their validity.

CHARACTERISTICS

KER[®] 9000 is a high styrene resin containing about 83% of styrene bonded in polymer. It is obtained via emulsion copolymerization of butadiene and styrene and coagulated with the use of aluminum sulphate. It is stabilized with non-staining antioxidant.

GENERAL REQUIREMENTS

HSR KER[®] 9000 is packed into polyethylene bags 25.0 ± 0.5 kg. Presence of any mechanical impurities is not permitted.

TECHNICAL PARAMETERS

RUBBER TECHNICAL PARAMETERS

Parameters	Units	Values	Test methods
Vicat softening point (50 N, 50±5°C/h)	°C	35,0 ÷ 45,0	ASTM D1525
Volatile matters	% wt.	max. 1,0	ASTM D5668
Hardness	°Sh D	65,0 ÷ 75,0	DIN 53505

Guaranteed values of relevant technical parameters of the product are each time agreed upon in the sales contract.

To each shipping lot/delivery a quality certificate including data on properties of the product determined during release control is issued. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

PACKAGING

KER[®] 9000 has a form of granules and is packed into polyethylene bags 25.0 ± 0.5 kg each, then laid onto 1.2 t wooden pallets.

TRANSPORTATION

KER[®] is typically transported in covered road trucks, in covered railway carriages and in standard shipping containers. KER[®] 9000 is not a dangerous material to transport.

STORAGE

Product should be stored in sheltered conditions away from direct sunlight, at least 2 meters away from radiant heating elements and the temperature should not exceed 30°C. The guaranteed shelf life for KER[®] under the above-mentioned conditions is twelve (12) months from the date of production.

APPLICATION

KER[®] 9000 is used as an additive for rubber compounds in footwear industry as well as for production of cables and floor finishes. Addition of this product decreases the rubber compounds plasticity and increases the hardness of vulcanizates.

This document is of an informative character. The information given herein is based on the present state of our knowledge and experience. It makes neither product properties nor qualitative parameters guarantee and cannot be used as a basis of any claims. The information provided cannot be used for any mixtures with any other substances. Product should be transported, stored and used in accordance with valid regulations and good occupational hygiene practice.

Making use of the information as well as product application is beyond the producer control and determination of the safe conditions of use is the sole responsibility of a customer.

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