

KER® 9000

Rubber

Synthos S.A.

Message:

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.

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.

| General Information | | | |
|-----------------------------|-----------------------------------|------|-------------------------|
| Additive | Antioxidant | | |
| Features | Antioxidant | | |
| | Copolymer | | |
| Uses | Flooring | | |
| | Footwear | | |
| Forms | Granules | | |
| Physical | Nominal Value | Unit | Test Method |
| Volatile Matter | < 1.0 | wt% | ASTM D5668 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D) | 65 to 75 | | DIN 53505 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 35.0 to 45.0 | °C | ASTM D1525 ¹ |
| NOTE | | | |
| 1. | Rate A (50°C/h), Loading 2 (50 N) | | |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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