

Title (en)  
THERMALLY CONDUCTIVE SILICONE COMPOSITIONS

Title (de)  
WÄRMELEITFÄHIGE SILIKONZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS SILICONES THERMOCONDUCTRICES

Publication  
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Application  
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Abstract (en)  
[origin: WO2021260279A1] The present invention relates to organopolysiloxane compositions comprising an organopolysiloxane having, per molecule, at least two alkenyl groups, an organopolysiloxane having, per molecule, at least two SiH units, a hydrosilylation catalyst, and a thermally conductive filler, the thermally conductive filler comprising at least 40% by weight of metallic silicon, and a specific particle size distribution. The invention further relates to a silicone elastomer which can be obtained by cross-linking and/or curing the composition, as well as its use as a thermally conductive material for coating or filling, in particular for the automotive field, in particular for the field of electric vehicles.

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