

HANSA MBC 37180

Mixture of OH-PDMS and reinforcing filler for producing condensation crosslinking silicones

Description	Property	Test Method	Value
<p>CHTs masterbatches are a mixture of silica and polysiloxane. Addition of the masterbatch is a convenient method of incorporating silica into an elastomer formulation to increase physical properties. The values for tensile, tear, and elongation typically increase commensurately with additional silica. Masterbatches are typically suited specifically for condensation or addition cure chemistries. The compositions are solvent-free and typically low in cyclic siloxane content.</p> <p>Key Features</p> <ul style="list-style-type: none"> containing silica containing OH-Siliconepolymer translucent good mechanical properties <p>Key Applications</p> <ul style="list-style-type: none"> Intermediate for condensation curing formulations <p>Use and Cure Information</p> <p>Masterbatches are typically high viscosity and non-flowing. One must incorporate siloxane polymers of the appropriate chemistry and viscosity profile to result in a flowable composition. Curing can be obtained with the addition of an appropriate crosslinker and catalyst system.</p> <p>Health & Safety</p> <p>Please observe our safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the EC safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.</p>	Product		
	Color		Transparent
	Non-Volatile Content (%)		> 99
	Shelf Life		12 mths
	Ultralow cyclic content		Yes
	Viscosity	Brookfield HTBD, 23	600000 cP
	Uncured Product		
	Cure Type		Condensation cure
	Cured Product		
	Density	DIN 53479	1.19 g/cm3
	Solubility		
	Solubility - Water		insoluble

Revision Date 21 Feb 2023
Revision No 7
Download Date 23 Apr 2024

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com