

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-silicone polymer • 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>	<p>Product</p> <p>Color</p> <p>Non-Volatile Content (%)</p> <p>Shelf Life</p> <p>Ultralow cyclic content</p> <p>Viscosity</p>	Brookfield HTBD, 23	<p>Transparent</p> <p>> 99</p> <p>12 mths</p> <p>Yes</p> <p>600000 cP</p>	
	<p>Uncured Product</p> <p>Cure Type</p>		DIN 53479	<p>Condensation cure</p>
	<p>Cured Product</p> <p>Density</p>			<p>1.19 g/cm3</p>
	<p>Solubility</p> <p>Solubility - Water</p>			<p>insoluble</p>

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