SILPURAN® CURING AGENT X
Silicone Rubber Additives

SILPURAN® CURING AGENT X is a pasty platinum catalyst masterbatch that is used to vulcanize the HCR extrusion grades SILPURAN® 8030 and SILPURAN® 8630. SILPURAN® CURING AGENT X is designed for medical applications in compliance with the WACKER SILICONES HEALTH CARE POLICY including implantation for < 30 days.

Technical data

Properties Uncured

<table>
<thead>
<tr>
<th>Property</th>
<th>Condition</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>-</td>
<td>1.0 g/cm³</td>
<td>DIN EN ISO 1183-1 A</td>
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</tbody>
</table>

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product’s fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties’ rights.

Applications

- Medical Equipment

Application details

Vulcanizates made from a SILPURAN® base rubber (e.g. SILPURAN® 8030) and SILPURAN® CURING AGENT X are designed for medical and pharmaceutical applications in compliance with the WACKER SILICONES HEALTH CARE POLICY including implantation for < 30 days.
Processing

The required amount of SILPURAN® CURING AGENT X is blended into the extrusion grades SILPURAN® 8030 or SILPURAN® 8630, on a clean and cooled open roller mill with low friction (ratio approx. 1/100 to 2/100). The standard dosage is 1.5 parts calculated on 100 parts of base. Good homogenization is the crucial factor in order to get good properties of the finished rubber good.

For detailed information please refer to the technical data sheets of SILPURAN® 8030 and SILPURAN® 8630 or the latest edition of our brochure "SOLID AND LIQUID SILICONE RUBBER - MATERIAL AND PROCESSING GUIDELINES".

Caution

The platinum catalyst of SILPURAN® CURING AGENT X is inhibited especially by heavy metals, sulphur and amines. These substances have to be excluded during transport, storage and processing.

Packaging and storage

Packaging

SILPURAN® CURING AGENT X is available in 1 kg cans and 20 kg hobbocks. SILPURAN® CURING AGENT X is neither produced nor packed under sterile conditions, so the final product has to be sterilized prior to use, if necessary.

Storage

Please store the containers in a dry and cool place. Once opened, containers should always be resealed after use to avoid any contamination and to prevent the platinum catalyst from being poisoned by amines, sulphur or phosphorus compounds. The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code SILPURAN® CURING AGENT X

For technical, quality or product safety questions, please contact:

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.