GC FRP 20

(5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methylphosphonate

Bis[5-Ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl] methylphosphonate

CAS registry number
41203-81-0
42595-45-9

GC FRP 20 is a phosphorus based flame retardant mixture.
GC FRP 20 is developed for polyester fibers with excellent efficiency and durability.
GC FRP 20 doesn’t create yellowing effects and shows good stability to light and heat.
GC FRP 20 is used in several application as polyesters, Nylon, coating and textile.

PHYSYCO-CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Amber Viscous Liquid</td>
</tr>
<tr>
<td>Phosphorus Content, %</td>
<td>20.5 min</td>
</tr>
<tr>
<td>Acid Value, (mg KOH/g)</td>
<td>4 max</td>
</tr>
<tr>
<td>DMMP, %</td>
<td>0.1 max</td>
</tr>
<tr>
<td>TMPP, %</td>
<td>0.1 max</td>
</tr>
</tbody>
</table>

HANDLING AND STORAGE:
The processing and use of GC FRP 20 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC FRP 20 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING:
Standard pack size of GC FRP 20 is 5, 25, 70 and 200 kg drum.

Important note
Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, please be informed.
Stop machine with high temperature could create degradation of polymers. Please clean with neutral polymers.

NOTE:
Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improperly use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.