

## MIKROFINE<sup>®</sup> - HP 780

MIKROFINE<sup>®</sup> - HP 780 is modified auxiliary chemical blowing agent in powder form for the production of sponge rubber and expanded plastics. This is specially designed low temperature foaming agent for Silone gums in press molded and extruded profiles

### 1 PRODUCT INFORMATION

<b>Main constituent</b>	: Azodicarbonamide CAS Number [123-77-3] Mol. Formula C <sub>2</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub> Mol.wt. 116
<b>Physical form</b>	: Pale yellow free flowing powder
<b>Odour</b>	: Odourless
<b>Solubility</b>	: Insoluble in water and benzene. Partially soluble in dimethylformamide.
<b>Health, safety &amp; handling information</b>	: Relevant information can be found in sheet No. HPLA/MSDS/M/CBA/137

### 2 SPECIFIED PROPERTIES

<b>Decomposition temperature</b> (°C) : (Open capillary tube method)	: 135 ± 5
<b>Gas content</b> (ml/gm at STP)	: 195 ± 5
<b>Volatility</b> (% w/w)	: 0.5 max.
<b>Average particle diameter</b> (microns)	: 6.0-7.0
<b>pH</b> (5% aqueous suspension at 25°C)	: 7.0 ± 0.5

### 3 SPECIAL FEATURES

MIKROFINE® HP 780 provides the fast rate of gas release and suitable for use in low-temperature polymer systems including acrylics, epoxies, and automotive sound-deadening and space-filler materials

### 4 APPLICATIONS

MIKROFINE® HP 780 is special purpose low temperature foaming agent designed for use with silicone gums in press molded and extruded profiles and tube applications. Auxiliary foaming agent for sponge rubber and expanded plastic.

### 5 DOSAGE

0.5 - 6.0 PHR depending on the polymer used and the extent of expansion required.

### 6 PACKING

MIKROFINE® HP 780 is packed in 25kg HDPE bags or 25kg UN approved corrugated cartons with a polythene liner inside or as per customer's requirement

The information given in this document is only a recommendation, believed to be reliable and is given in good faith but without warranty. Our advice does not release users from the obligation of checking its validity. The user should test the product to ascertain the suitability for the intended use. Specified properties mentioned in this document are based on our historical production performance and these properties or the whole document is subject to change without any prior notice, at our sole discretion. We are under no obligation to recall earlier issued documents.

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