



## Product Data Sheet

### CELOGEN<sup>®</sup> 780 Chemical Foaming Agent

Activated Azodicarbonamide

<b>FORM:</b>	Yellow-orange powder.
<b>SPECIFIC GRAVITY:</b>	1.78 at 25 °C (77 °F)
<b>DECOMPOSITION POINT:</b>	142-154 °C (288-309 °F)
<b>GAS YIELD:</b>	190 cc / gram
<b>DECOMPOSITION GASES:</b>	N <sub>2</sub> , CO <sub>2</sub> , CO, NH <sub>3</sub>
<b>ACTIVATED BY:</b>	Contains a very effective activation system. Effect of further activation is minimized. Strong activators include zinc oxide, zinc stearate and treated urea (BIK <sup>®</sup> OT) may provide further reduction in decomposition temperatures.
<b>DISCOLORATION:</b>	Nondiscoloring; decomposition residue is white.
<b>RECOMMENDED USES:</b>	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.
<b>SOLUBILITY:</b>	Relatively insoluble in organic solvents and water. Decomposes in alkaline solutions.
<b>STORAGE STABILITY:</b>	Store in a cool, dry place in closed containers. Keep away from heat, sparks, open flames and combustibles.
<b>HANDLING PRECAUTIONS:</b>	Contact with eyes may cause irritation. Repeated minimal inhalation exposure can cause respiratory sensitization and asthma. Exposure to decomposition gases can cause irritation to eyes, lungs and mucous membranes. Avoid breathing dust and fumes from hot processing. Avoid all personal contact.

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