Melamine

Chemical Compound

Melamine is an organic base and a trimer of cyanamide, with a 1,3,5-triazine skeleton. Like cyanamide, it contains 67% nitrogen by mass and, if mixed with resins, has fire retardant properties due to ... [Wikipedia](http://en.wikipedia.org/wiki/Melamine)

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| [**Formula**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+formula&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CJkBEOgTKAEwEA)**:**C3H6N6  [**Molar mass**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+molar+mass&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CJwBEOgTKAEwEA)**:**126.12 g/mol  [**Melting point**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+melting+point&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CJ8BEOgTKAEwEA)**:**345 °C  [**Density**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+density&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CKIBEOgTKAEwEA)**:**1.57 g/cm³  [**IUPAC ID**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+iupac+id&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CKUBEOgTKAEwEA)**:**1,3,5-Triazine-2,4,6-triamine  [**Soluble in**](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=melamine+chemical+soluble+in&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CKgBEOgTKAEwEA)**:**[Water](https://www.google.co.in/search?sa=X&biw=1366&bih=667&q=properties+of+water&stick=H4sIAAAAAAAAAGOovnz8BQMDAw8HsxKHfq6-gYWxRZrlp_wgzUgrw3szLUOkzrQ072heKwQA_l6gJCkAAAA&ei=7tbjUZOwAsKXrAe19oCgDw&ved=0CKkBEJsTKAIwEA) |

 