



Melafine[®] is a white crystalline powder. It is a stable non-hygroscopic chemical when stored under normal, dry warehouse storage conditions. Freshly produced melamine is a free-flowing powder. The stored product may tend to compact, and depending on storage conditions, lumps may occasionally form. Melamine may therefore be characterized as having medium flowability. In most cases, the product can be handled, transported and processed without difficulty.

Properties	Typical value	Analytical method
Particle size	99% below 40 micron	OCI-AM 009
	90% below 30 micron	
	50% below 15 micron	
	10% below 5 micron	
Free bulk density	200 - 300 kg/m ³	OCI-AM 006
Tapped bulk density	550 - 650 kg/m ³	OCI-AM 006
pH	8.2 - 9.4 (10% slurry in water)	OCI-AM 007

Handling

For information about handling melamine, please see our Technical Information Sheet on the handling, storage and packaging of melamine (OCI-TIS 059), available on request.

Safety precautions

Melamine is non-flammable, but heating to above 300°C could result in decomposition, with release of toxic vapors. Adequate ventilation and the use of personal protective equipment is therefore advised. When handling melamine, the wearing of gloves, safety glasses and respiratory protection is recommended.

The above data is only given as a guide. It does not replace our Safety Data Sheet (available on our website), which contains additional detailed information.

Testing

Analytical methods are available on request.

Contact

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