

Technical Data Sheet

Crystal Melamine

Urea solution is received in 70% of the urea unit and is fed into the melamine unit in a melamine unit after two concentrations of the melamine reactor. Due to the calcification of the melamine reaction, molten salt is used to provide the required heat of the reaction. The melamine solution produced at a pressure of about 80 bar and a temperature of 380 ° C is guided to the quinch tower, where melamine is dissolved in the gases produced from The outside of the tower is sent back to the urea unit for re-recovery. The melamine solution outlet from the bottom of the tower after the filtration is transferred to the crystallizers section, and the produced crystals are also directed to the centrifuge part. The cake produced from the centrifuge is also transported in dry containers and into melamine storage tanks. The separated water from the centrifuge is also returned to the unit after refining. In order to maintain the environment, the unit is equipped with a wastewater treatment system and all of the traps contained in the site are directed to the closed system (CLOSE DRAIN) and eventually recyclable.

Application:

Rubber industries, cement and concrete pouring, molding powders, adhesive industries, nitrogen carrier consuming industries, leather industries, textiles, carpets, fire extinguishers, paint and coating industries, colored resins, paper industries, sheets Multi-layer, coating and decoration

Properties	Value	Unit	Test Method
Purity	99.8min	Wt%	JIS K1531
Ash Content	0.03max	Wt%	JIS K1531
Moisture	0.1max	Wt%	JIS K1531
Color	20max	APHA	JIS K1531