

## CARPOLACTAM (Crystalline)

### Properties

Permanganate index, units, not more than	4
Color of Caprolactam water solution, mass fraction 50%, Hazen units	3
Volatile bases content, mmol/kg, not more than	0,4
Crystallization temperature, °C, not less than	68,8
Iron mass fraction, %, not more than	0,00002
Cyclohexanoxime mass fraction, %, not more than	0,002
Optical density with mass fraction 50%, not more than	0,04
Alkalinity, mmol/kg, not more than	0,1

### HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Causes skin and eye irritation. Not identified as hazardous material. Safety requirements are written in the safety data sheet.

### TRANSPORTATION

By any kind of transport in sacks, big-bags

### APPLICATION

As raw material for manufacturing chemical fibers and filaments from polyamide resins.