

Amgard® CT

Phosphorus Flame Retardants

Description

Amgard® CT is an organic phosphonate that combines good flame retardant characteristics with durability in polyester fabrics.

Chemical Composition

Cyclic phosphonate ester

Appearance

Clear viscous liquid

Solubility

Amgard® CT is soluble in water and in polar solvents.

Technical data*

Property	Nominal Value	Unit
Phosphorus content	> 19,5	%
Acid value	< 2,0	mg KOH/g
Colour	< 150	APHA
DMMP content	< 0,0999	%
Density at 25°C	1,27	g/cm ³
Viscosity at 20°C	approx. 7.000	mPa·s

*The analytical data are guide values.



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Application

Amgard® CT is used as a flame retardant in polyester fabrics especially for durable flame retardancy.

Packaging

Non-returnable containers, drums

Storage conditions

If stored correctly and kept in the original sealed container, the product has a shelf life of at least 2 years.

Handling

Consult the safety data sheet for relevant safety data & references as well as possibly necessary warning labels.

® = registered trade mark

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North America
+1.833.LANXESS
customer.care@lanxess.com

Europe, Middle East & Africa
+44.161.875.3800
emea.export@lanxess.com

South & Central America
+55.19.3522.5083
atendimento.cliente@lanxess.com

Asia Pacific
+86.21.6109.6666
Orders.apac@lanxess.com

