

CATO® 75Q Modified Corn Starch

Chemical and Physical Properties (*): Packaging and Storage:

Color	White to off-white
Form	Powder
pH (20% slurry)	3.8 - 4.5
Moisture	<13%
Ash content	Max. 0.3%
Brabender End Viscosity (7% solid & 50 °C)	14 Bu

Bags

Product should be stored at ambient temperate under clean and dry conditions

Sensory data:

Odor No detectable foreign odor

Shelf Life: 2 years

Application: Glass fiber and textile sizing

(*) While this information is typical of CATO® 75Q, it should not be considered as a specification

CATO® 75Q: Modified Starches for Sizing

CATO® 75Q is a quaternary derivative corn starch for use in glass fiber spin sizing as a highly efficient film former. It is easily cooked to yield high fragmentation and low final viscosity.

CATO® 75Q starch molecules are positively charges and are attracted to anionic surfaces such as glass, paper, and cotton.

CATO® 75Q contains a minimum of ash and is readily burned off in subsequent glass fiber finishing operations.

CATO® 75Q starch solutions can be prepared by conventional methods. Slurry 10-20% starch in cold water and heat to 95 °C (200 °F). Hold at 95 °C (200 °F) for 20 minutes. Cool to appropriate application temperature.

CATO® 75Q is approved for use under FDA 21 CFR 178.3520.

Effective Date: September 26, 2013

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