

The Chemical Company Nature-Flexx 509 Acetyl Tributyl Citrate, C20H34O8

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

NatureFlexx 509 plasticizer or Acetyl Tri-n-Butyl Citrate (ATBC), a tributyl ester, is an innocuous plasticizer of PVC, cellulose resin and synthetic rubber. The chemical compound is used to fulfill plastic industry needs for non-toxic plasticizers that provide flexibility in soft toys for children, medical products such as blood bags, food packaging materials, and cosmetics. The liquid chemical is a colorless organic compound belonging to the carboxylic acid family. It exists in all plants, particularly lemons and limes as well as in many animal tissues and fluids. Molecular Formula: C20H34O8 Information provided by The Chemical Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_The-Chemical-Company-Nature-Flexx-509-Acetyl-Tributyl-Citrate-C20H34O8.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.045 - 1.055 g/cc	1.045 - 1.055 g/cc	(25/25°C)

Optical Properties	Metric	English	Comments
Refractive Index	1.441 - 1.4425	1.441 - 1.4425	(25°C/D)

Component Elements Properties	Metric	English	Comments
Arsenic, As	<= 0.00030 %	<= 0.00030 %	
Lead, Pb	<= 0.0010 %	<= 0.0010 %	Heavy metal content

Chemical Properties	Metric	English	Comments
Acid Value	<= 0.20	<= 0.20	mg KOH/gm

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	Weight percent

Descriptive Properties	Value	Comments
Appearance	Colorless Transparent Liquid	
Assay	= 99.0%	
Hazen Color Value (pt-co)	= 30	

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