

CERTIFICATE OF ANALYSIS

Material Description: Eastman VersaMax(TM) Plus Plasticizer, Bulk

Characteristic	Value	Lower Limit	Upper Limit
Production Date	23.03.2021		
Total Ester, %	99,53	99,00	
Water, %	0,0200		0,1500
Acid Number	0,0068		0,0700
Refractive Index @ 20°C	1,492	1,489	1,496
Specific Gravity @ 20/20°C	1,004	0,999	1,007
Visual Color, pcs	5		20
Appearance	Passes		

If you have received this material from a distributor, please contact the distributor for further information.
If you have questions related to Eastman shipments, please call 800-EASTMAN (800-327-8626) for assistance.



Myra N. Crawford
Quality Assurance Manager

Technical Data Sheet

Eastman VersaMax™ Plus Plasticizer

Applications

- Flexible pvc compounds
- Vinyl plastisols

Key Attributes

- Enhanced plasticizer compatibility in PVC formulations, allowing for more robust formulations
- High efficiency, requiring reduced amounts of plasticizer

Product Description

Eastman VersaMax™ Plus is a non-phthalate, general purpose solution that provides better efficiency, improved dry times, and lower fusion temperatures when compared to di-isononyl phthalate (DINP) and di-2-ethylhexyl terephthalate (DEHT); and it can expand your formulation window. Providing comparable mechanical properties and improved processing parameters, VersaMax Plus is the ideal replacement for DEHP and DINP in dry-blend and plastisol applications.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.01 max.
Color Pt-Co	20 max.
Refractive Index @ 25°C	1.493
Specific Gravity @ 20°C	1.001
Flash Point Setaflash Closed Cup	390 °F (199 °C)
Boiling Point @ 760 mm Hg	>626 °F (>330 °C)
Freezing Point ^a	<+3.2 °F (<-16 °C)
Viscosity ^b @ 25°C and 20 rpm, Brookfield	40 cP (40 mPa·s)
Wt/Vol @ 20°C	8.35 lb/gal (1.00 kg/L)

^aCirculating Cooling Bath method

^bLV Brookfield viscometer used with # 1 spindle

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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