

Plasticizers

Evonik product portfolio



PERFORMANCE INTERMEDIATES – CHEMISTRY4PEOPLE®

PLASTICIZERS FROM EVONIK

Plasticizers from Evonik offer manufacturers of flexible PVC and their products flexibility, safety and above-average technical performance with a consistently high level of quality.

Plasticizers act like a molecular lubricant: The molecules sandwich themselves between the polymer chains of PVC. This makes the originally tightly-packed, rigid structure flexible, allowing the chains to slide past each other.

WE OFFER OUR CUSTOMERS

Maximum delivery reliability

- Verbund production ensures optimal supply
- As a major producer of oxo alcohols continuous production of high-quality plasticizers

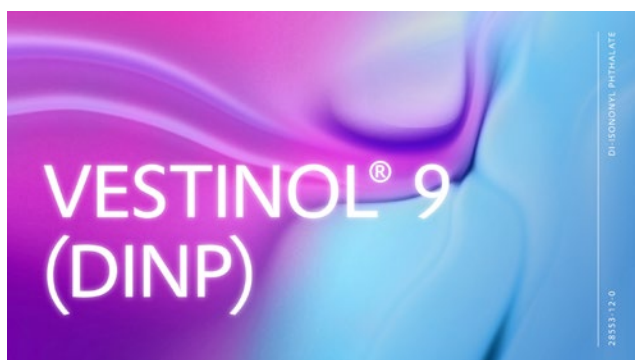
A full service from a single source

- Needs-based support from order to delivery
- Support from a well-established team with technical and regulatory knowledge
- Information about new developments

A strong commitment to regulatory issues

- Membership and active participation in several industry associations of the flexible PVC value chain
- Involvement in the public debate surrounding regulatory topics
- Active support of a science-based assessment of chemicals

CONTENTS



VESTINOL® 9 (DINP) is a very effective standard plasticizer for a wide range of flexible PVC applications with the best cost-performance ratio and a very balanced property profile.

[Learn more](#)



ELATUR® CH (DINCH) is a modern, low-viscosity plasticizer with excellent cold flexibility and very good migration properties especially suitable for sensitive applications.

[Learn more](#)



ELATUR® DINCD is an innovative low-viscosity plasticizer with excellent cold flexibility and very low volatility especially suitable for demanding applications.

[Learn more](#)



ELATUR® DPT is a fast fusing, low-viscosity plasticizer with very low SVOC content and high gelation power preferably used for manufacturing of PVC plastisols.

[Learn more](#)

Plasticizers from Evonik ↗

VESTINOL® 9

Efficiency. The allrounder sets the benchmark.

VESTINOL® 9 (DINP) is a very effective standard plasticizer for a wide range of flexible PVC applications with the best cost-performance ratio and a very balanced property profile.

VESTINOL® 9 (DINP)

APPLICATIONS

- Plasticizer for PVC
- Adhesives & Sealants
- Coatings & Paints

SPECIAL OFFERINGS

- Plastisol ready-for-use grade
VESTINOL® 9 cool available
- Life-cycle assessment data available

PERFORMANCE AT A GLANCE

- Excellent plasticizing efficiency
- Very good viscosity and aging profile
- High gelation and fusion speed
- Excellent cold flexibility and outdoor stability
- Very good migration properties

FAST GELATION

OUTDOOR STABILITY

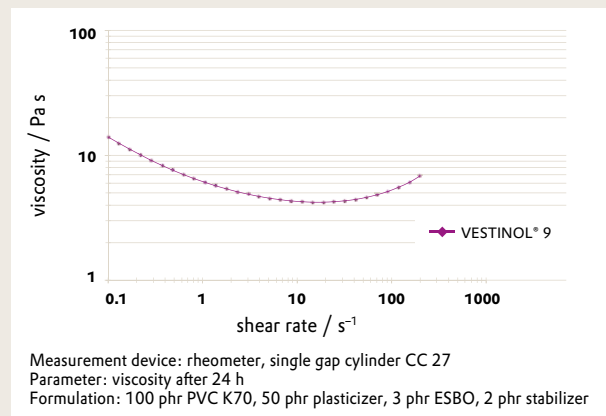
LOW VOLATILITY

HIGH EFFICIENCY

PROCESSING PERFORMANCE

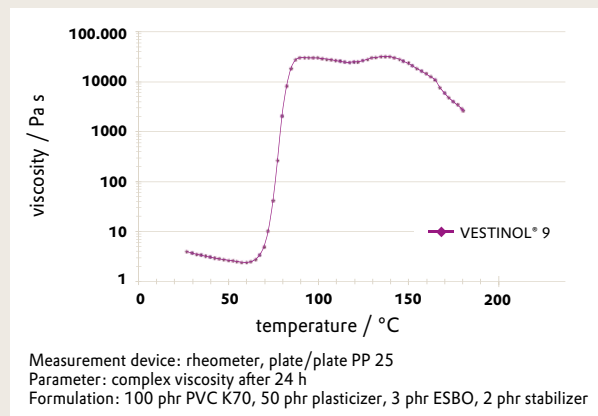
VISCOSITY

Plastisols with VESTINOL® 9 show a very good viscosity profile.



GELATION

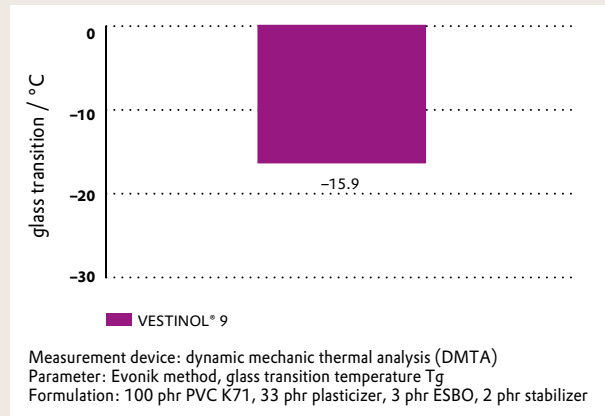
VESTINOL® 9 offers a high fusion speed.



TECHNICAL PERFORMANCE

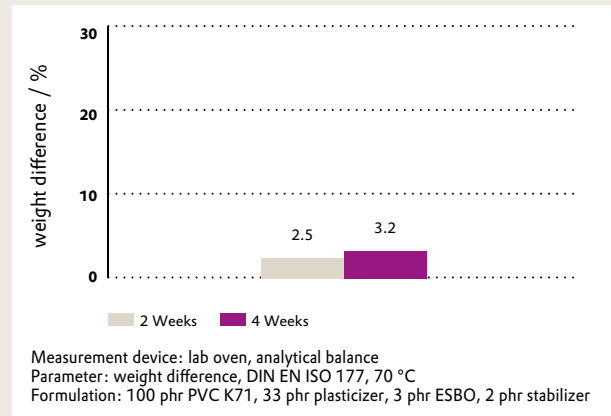
COLD FLEXIBILITY

Products with VESTINOL® 9 show excellent low temperature flexibility.



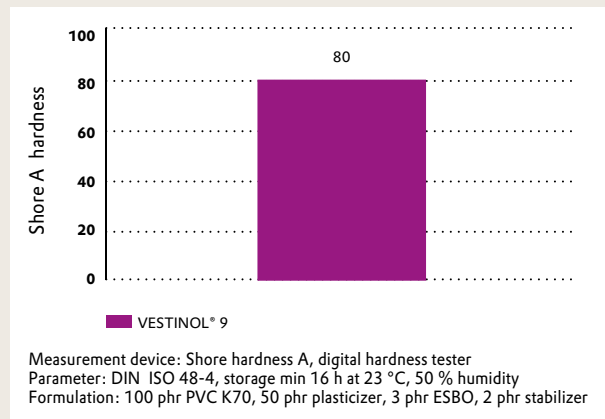
MIGRATION INTO PVC-U

VESTINOL® 9 shows a very low migration tendency into rigid PVC.



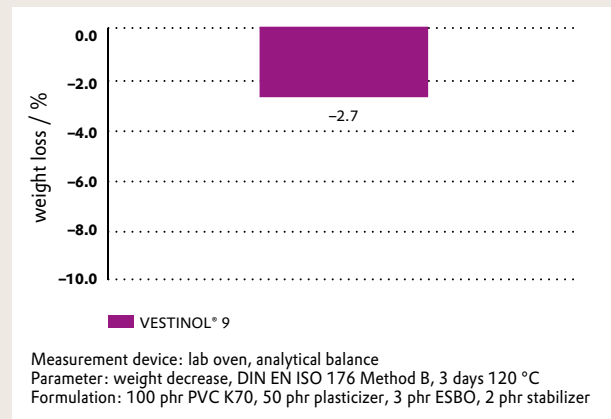
EFFICIENCY

VESTINOL® 9 is a highly efficient plasticizer.



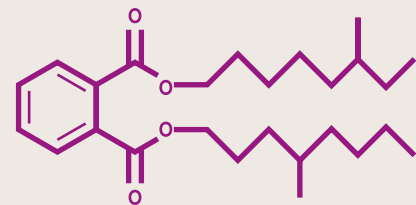
VOLATILITY

Products with VESTINOL® 9 exhibit low emission.



REGULATORY SNAPSHOT

- Excellent safety profile
- Further information in our [regulatory onepager](#)



di-isononyl phthalate (DINP)

Disclaimer

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ELATUR® CH

Flexibility. The purpose defines the choice.

ELATUR® CH (DINCH) is a modern, low-viscosity plasticizer with excellent cold flexibility and very good migration properties especially suitable for sensitive applications.

ELATUR® CH (DINCH)

APPLICATIONS

- Plasticizer for PVC
- Adhesives & Sealants
- Coatings & Paints

SPECIAL OFFERINGS

- Special packaging available
- Life-cycle assessment data available

PERFORMANCE AT A GLANCE

- Excellent low viscosity and aging
- Very good migration properties
- Excellent cold flexibility
- High UV stability

LOW VISCOSITY

GOOD COLD FLEXIBILITY

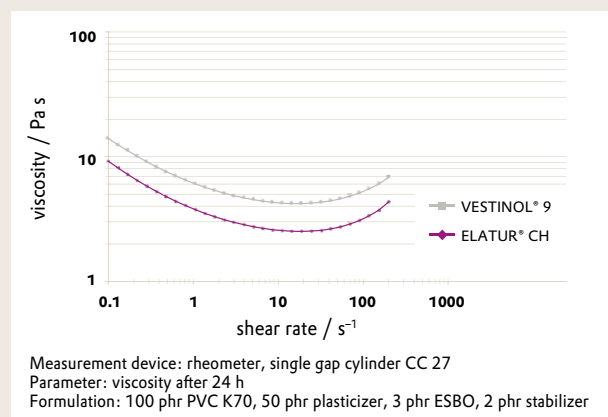
APPLICABLE FOR
MEDICAL DEVICES

LOW MIGRATION

PROCESSING PERFORMANCE

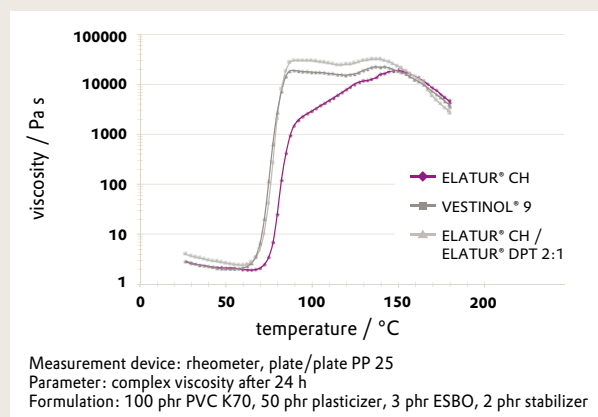
VISCOSITY

Plastisols with ELATUR® CH show excellent processing viscosity.



GELATION

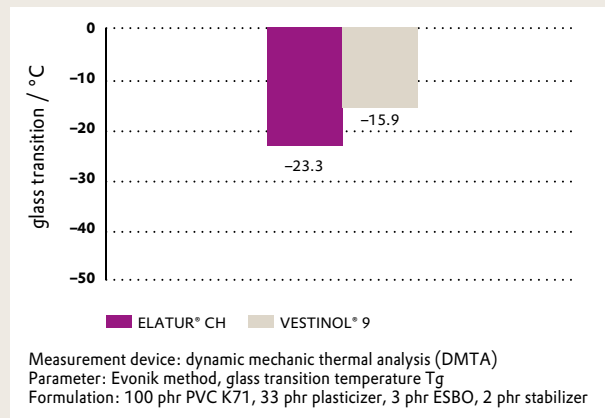
ELATUR® CH exhibits sufficient fusion speed, which can be increased with ELATUR® DPT.



TECHNICAL PERFORMANCE

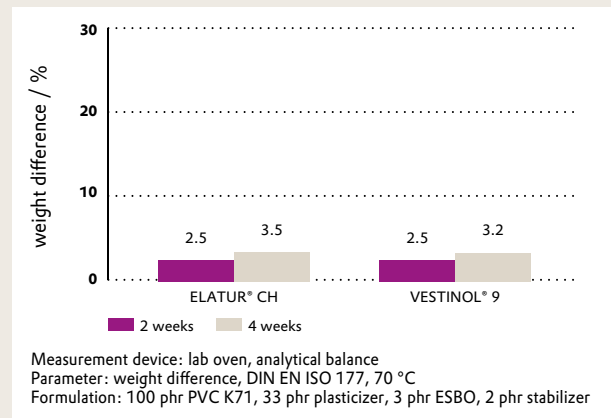
COLD FLEXIBILITY

Products with ELATUR® CH show outstanding low temperature flexibility.



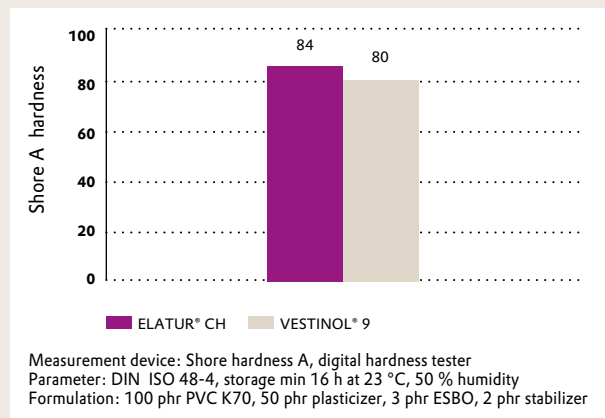
MIGRATION INTO PVC-U

ELATUR® CH shows a very low migration tendency into rigid PVC.



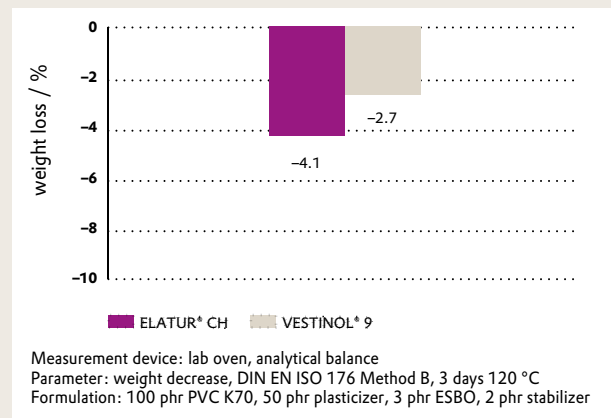
EFFICIENCY

Products with ELATUR® CH show very good plasticizing efficiency.



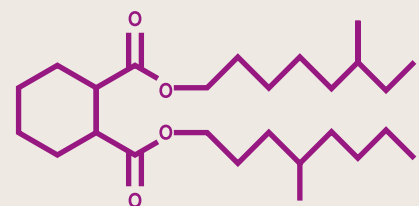
VOLATILITY

ELATUR® CH exhibits a good emission profile.



REGULATORY SNAPSHOT

- Excellent safety profile
- included in European Pharmacopoeia of the European Directorate for the Quality of Medicines & HealthCare (EDQM)



di-isononyl cyclohexanoate (DINCH)

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ELATUR® DPT

Speed. The power makes the difference.

ELATUR® DPT is a fast fusing, low-viscosity plasticizer with very good emission profile and high gelation power preferably used for manufacturing of PVC plastisols.



APPLICATIONS

- Plasticizer for PVC
- Adhesives & Sealants
- Coatings & Paints

SPECIAL OFFERINGS

- Special packaging available
- Life-cycle assessment data available

PERFORMANCE AT A GLANCE

- Outstanding gelation power and efficiency
- Excellent cold storage properties
- Low viscosity and aging
- High plasticizing efficiency
- Very low SVOC (semi-volatile organic compounds) content

LOW VOLATILITY

GELATION POWER

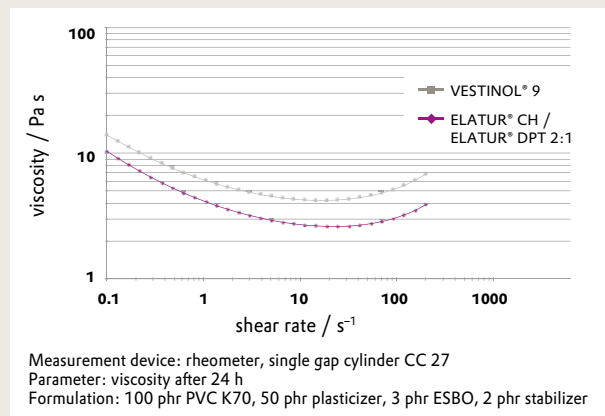
LOW VISCOSITY

COLD STORAGE

PROCESSING PERFORMANCE

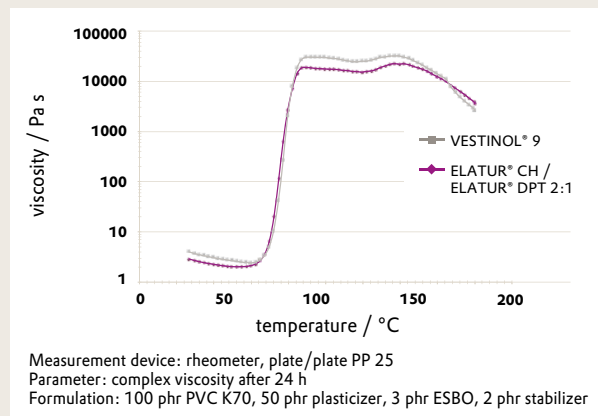
VISCOSITY

Plastisols with ELATUR® DPT exhibit low viscosity.



GELATION

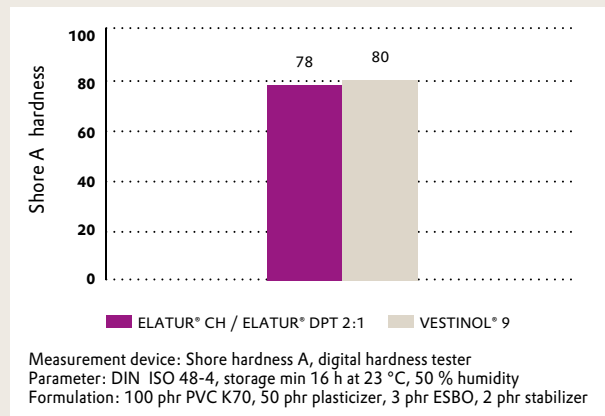
ELATUR® DPT offers a high gelation power, strongly accelerating general purpose plasticizers.



TECHNICAL PERFORMANCE

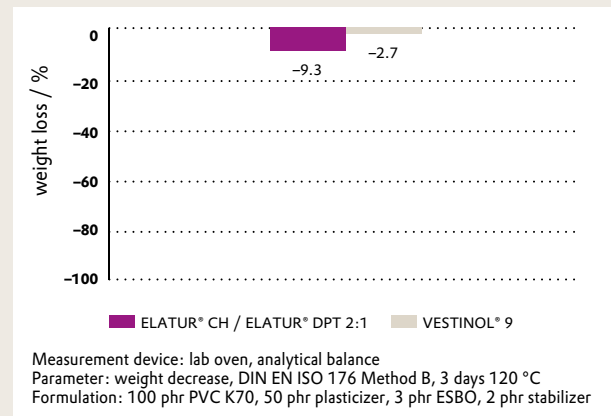
EFFICIENCY

ELATUR® DPT exhibits a very high plasticizing efficiency.



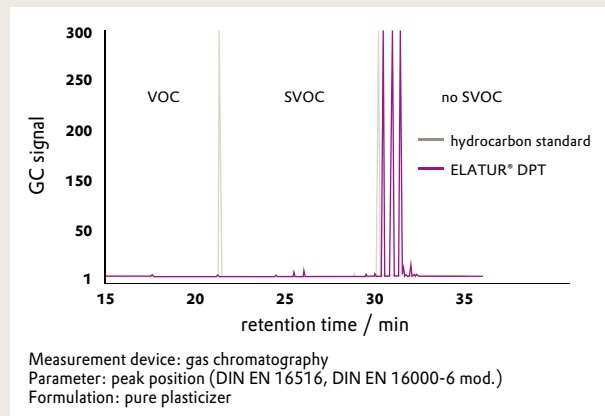
VOLATILITY

ELATUR® DPT is a fast fuser with a balanced emission profile and low SVOC content.



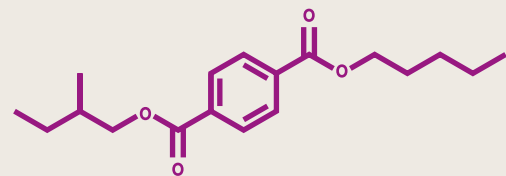
SEMI-VOLATILE ORGANIC COMPOUNDS

ELATUR® DPT contains max. 1 % SVOC.



REGULATORY SNAPSHOT

- Excellent safety profile



di-isopentyl terephthalate (DPT)

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ELATUR® DINCD

Resistance. The toughest for all needs.

ELATUR® DINCD is an innovative low-viscosity plasticizer with excellent cold flexibility and very low volatility especially suitable for demanding applications.

ELATUR® DINCD

APPLICATIONS

- Plasticizer for PVC
- Adhesives & Sealants
- Coatings & Paints

SPECIAL OFFERINGS

- Special packaging available
- Life-cycle assessment data available

PERFORMANCE AT A GLANCE

- Excellent low viscosity and aging
- Low volatility
- Excellent cold flexibility
- High UV stability

LOW VISCOSITY

OUTDOOR STABILITY

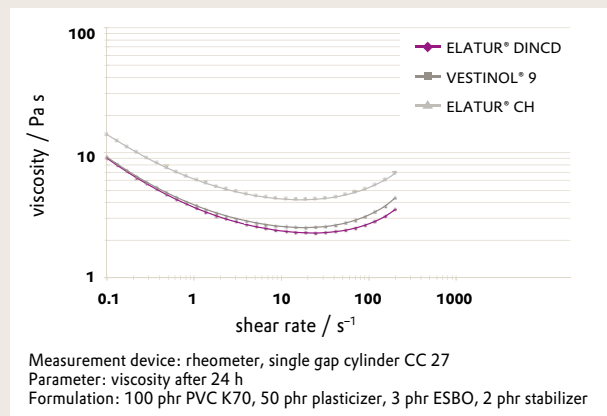
HIGH EFFICIENCY

LOW VOLATILITY

PROCESSING PERFORMANCE

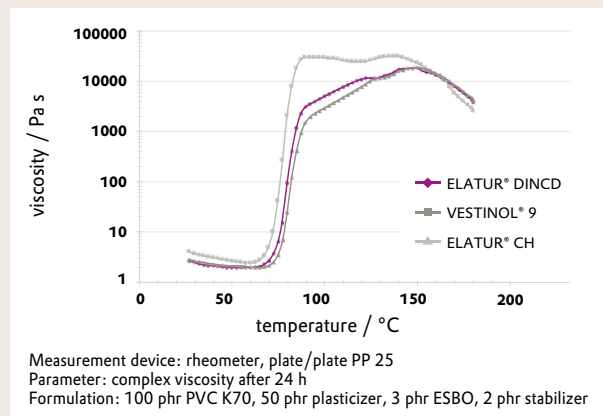
VISCOSITY

Plastisols with ELATUR® DINCD show excellent processing viscosity.



GELATION

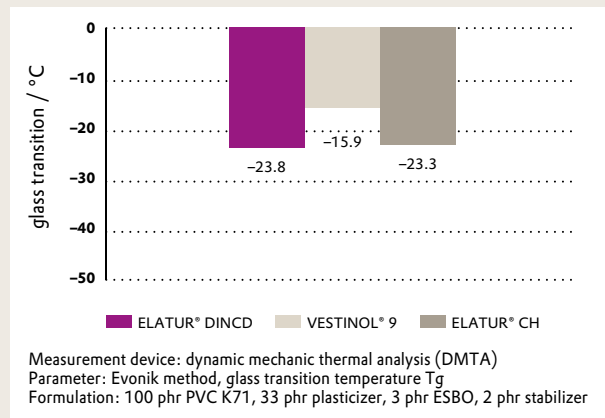
ELATUR® DINCD exhibits a good gelation profile.



TECHNICAL PERFORMANCE

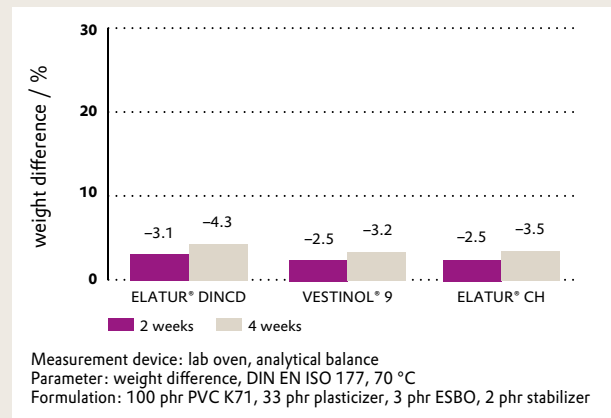
COLD FLEXIBILITY

Products with ELATUR® DINCD show superior low temperature flexibility.



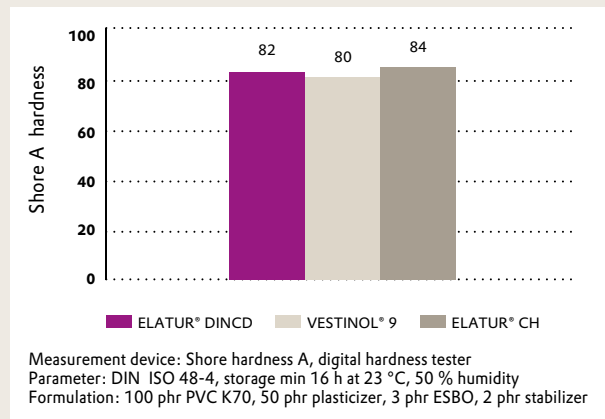
MIGRATION INTO PVC-U

ELATUR® DINCD shows a low migration tendency into rigid PVC.



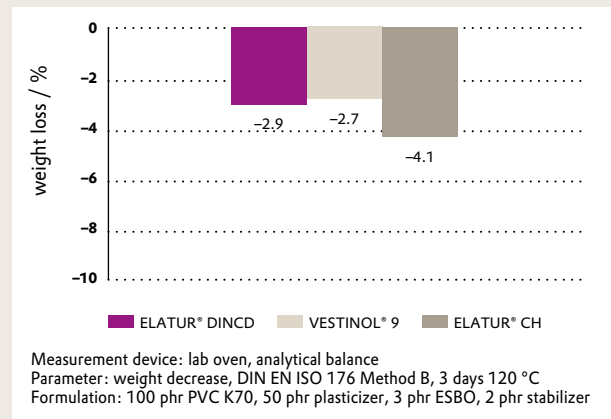
EFFICIENCY

Products with ELATUR® DINCD show high efficiency.



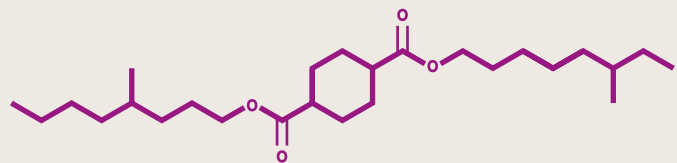
VOLATILITY

ELATUR® DINCD exhibits an excellent emission profile.



REGULATORY SNAPSHOT

- Excellent safety profile



di-isonyl-1,4-cyclohexane dicarboxylate (DINCD)

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