

Description PEVIKON™ P709 is a paste making vinyl chloride homopolymer produced by the PEVIKON™ process. It gives high viscosity plastisols with pseudoplastic and thixotropic flow behaviour. PEVIKON™ P709 has excellent foaming properties and can also be used as a viscosity modifier.

Applications PEVIKON™ P709 is mainly a blending resin in various compact and foamed applications to modify viscosity and rheology. It is suitable in formulations with high plasticiser level or when pseudoplastic- and thixotropic flow behaviour is requested.

PEVIKON™ P709 is recommended for applications with high plasticiser level like soft artificial leather, gymnastic mats, carpet backing and automotive under-body coating. It works well in blend with PEVIKON™ P682 or PEVIKON™ P602 to increase plastisol viscosity. It is also suitable for base coats in technical coating, impregnation of open weave fabrics and works well in blend with PEVIKON™ P1412 to reduce dilatancy.

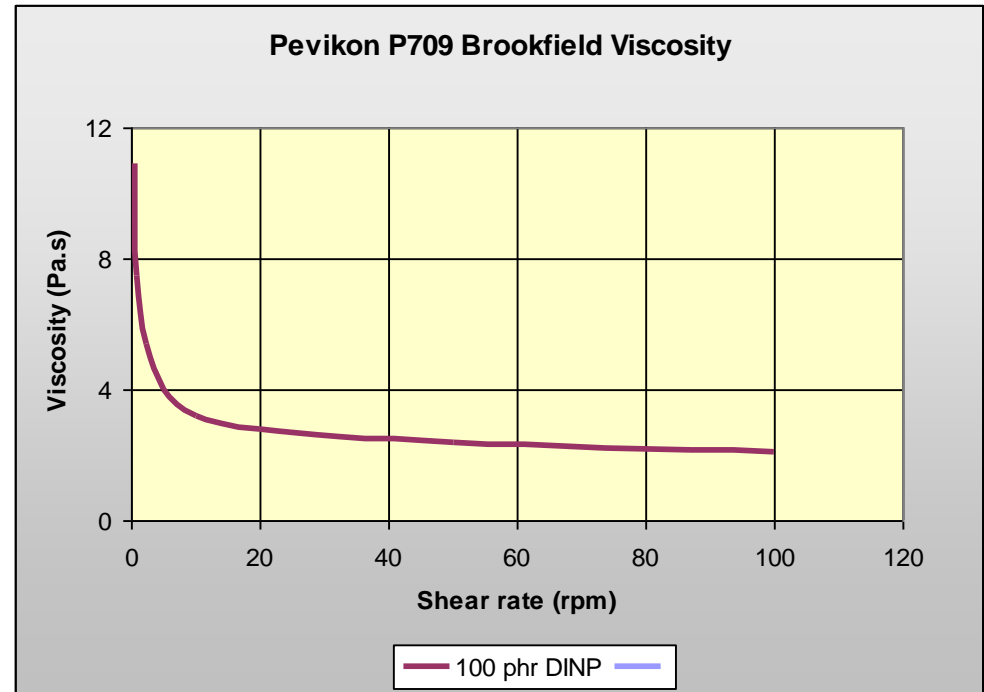
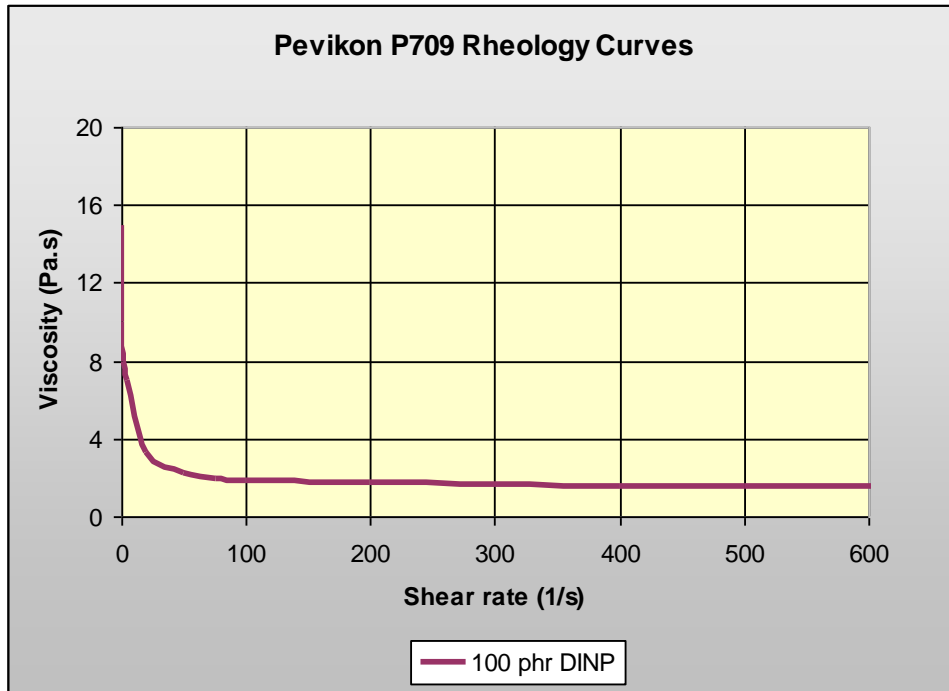
Typical Properties

Property	Unit	Value	Method
K-value		70	ISO 1628-2
Viscosity number	cm ³ /g	125	ISO 1628-2
Wet sieve retention (Retained on 63 micron sieve)	g/kg	4	ISO 1624
Volatile matter	g/kg	4	ISO 1269

The properties data shown above have been obtained from laboratory tests on representative samples of PEVIKON™ P709. Although the values are typical, they are for guidance only, and must not be used as a basis for specifications.

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Customers are reminded that European Regulation 2011/10/EC requires that plastics materials and articles intended to come into contact with foodstuffs must not contain vinyl chloride monomer in a quantity exceeding 1 mg per kilogram in the final food contact product. Also, this regulation states that articles must not pass onto foodstuffs, which are in contact with such materials and articles, any vinyl chloride detectable by a method complying with the requirements of EU Regulation 882/2004/EC. In the experience of INOVYN, compositions based on polymer described in this literature will comply with these requirement when processed in accordance with best known practice.

Furthermore, additives, which may be added to INOVYN's polymer to produce compositions are subject to additional regulations with regard to food contact.

Note: It is the responsibility of the customer and producer of the end product to ensure that the final material or article complies with all relevant regulations.

INOVYN's products are supplied only on the strict understanding that the customer and the producer of the end product will ensure that the regulations have been complied with. If guidance is required regarding the use of PEVIKON™ Polymers in Food Contact, users should seek assistance from the Customer Service Groups listed below.

Information contained in this publication (and otherwise supplied to users) is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect of factors which are outside our knowledge or control. The information supplied in this publication relates to prime quality products only. Users of PEVIKON™ polymers should consult the appropriate INOVYN Health and Safety literature which is available from the addresses below.

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INEOS ChlorVinyls Customer Service Groups

INEOS ChlorVinyls Business Centre

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Benelux, France and Spain*

for UK and Ireland

*for Norway, Sweden, Denmark, Finland, Russia,
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