INEOS Inovyn

Technical Data Sheet

BIOVYN™ PVC P737

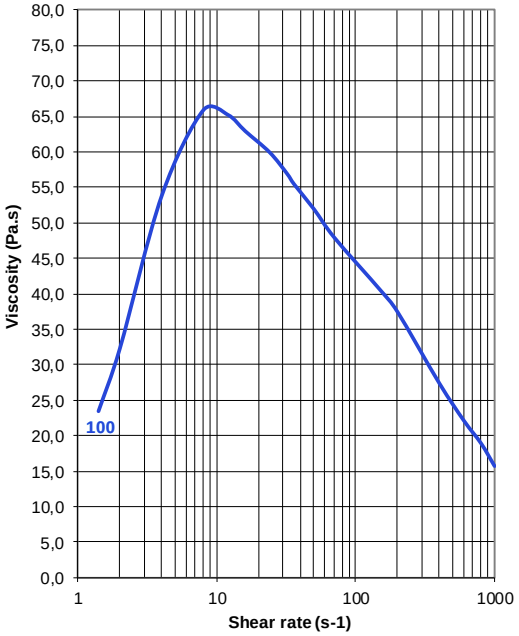
TYPE
Bio-attributed polyvinyl chloride homopolymer for paste making.

MAIN APPLICATIONS
Moulding and dipping:
- supported gloves
- automotive air filters
- rotomoulding soft toys and play balls.

This product has not been designed to be used in sensitive applications like medical devices. The result of a customer risk assessment could however be positive depending on final article composition and particular application. In this context, INEOS Inovyn is available to its customers for any information they could need.

ADVANTAGES
- Very high plasticiser absorption and dilatant rheology.
- Rheological behaviour taylor-made for special applications like glow dipping of supported gloves and automotive air filters.
- Viscosity adjustment in blend with other grades.

VISCOSITY CURVES



Paste preparations with 100 phr DINP. Readings were made 1 h after preparation at 23 °C with rotational and capillary viscometers*.

Property	Reference standard	Unit	Typical value*
K-value	ISO 1628-2	-	71
Wet sieve analysis : - retained on 63 µm sieve	ISO 1624	g/kg	≤ 45
Volatiles content	ISO 1269	%	≤ 0.4

* The above mentioned data are typical test values measured on the products ; they have to be used as a guide only and can in no event be considered as specifications.

biovyn

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The information above is provided for our customers only (we accept no liability to any third parties). It reflects our current knowledge and experience of the product and is accurate as of the date of this document. However we do not make any warranty, express or implied or accept any liability in connection with this information or its use. All products are supplied in accordance with our general terms and conditions of sale. This information is for use by technically skilled persons at their own discretion and risk. We accept no liability for the effects of any chemical combinations with any other substance, processes or mixtures of the product which are carried out by our customers or third parties. The users must finally determine suitability of any information or material for any comtempleted use. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.

Users of INEOS Inovyn's products should consult the appropriate INEOS Inovyn's Health and Safety literature, or SDS which is available from your sales or technical representative.
In this context, INEOS Inovyn remains available for any further technical information such final article manufacturer may need in that regard.

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.
INEOS 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 INOVYN™ PVC and BIOVYN™ PVC, please seek assistance from your sales or technical service representative or visit www.inovyn.com.

SUSTAINABILITY
As an industry leader and world-class producer of chlor-alkali and vinyl materials, our products are fundamental to modern society. We embrace the responsibility that accompanies this influential position, and as European market leader, understand our potential to effect **positive change throughout our value chains**.

INEOS Inovyn's strategy towards sustainability is embedded within our **four key pillars** and we aim to position ourselves as an innovation pioneer, developing new solutions at every stage of the journey. Our sustainability pillars are:

Pilar 1 - Responsible production :
Striving for zero incidents and taking an industry-leading approach on the health of our employees, partners involved in the value chain and our impact on the environment.
Pilar 2 - Carbon neutrality :
Accelerating the transition to a Net Zero carbon economy.
Pilar 3 - Circularity :
Advancing circular solutions to maximise efficient use of resources and ensure the long-term value of our products.
Pilar 4 - Value to society :
Products : ensuring that our products continue to bring significant value to society.
People : ensuring that our employees are valued and INEOS Inovyn plays a positive impact on society and the communities in which we operate.

Our ambition is to **provide leadership through sustainable innovation**.
By harnessing INEOS Inovyn's expertise and technologies, we will meet evolving customer needs and deliver products that are essential to modern life.
At INEOS Inovyn, we are members of the leading European Industry associations that align with our portfolio and interests, and that share the same drive towards a sustainable future for our industry.

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