TECHNICAL DATA SHEET

INOVYN™ PVC P737

TYPE

Paste making polyvinyl chloride homopolymer.

MAIN APPLICATIONS

Moulding and dipping:

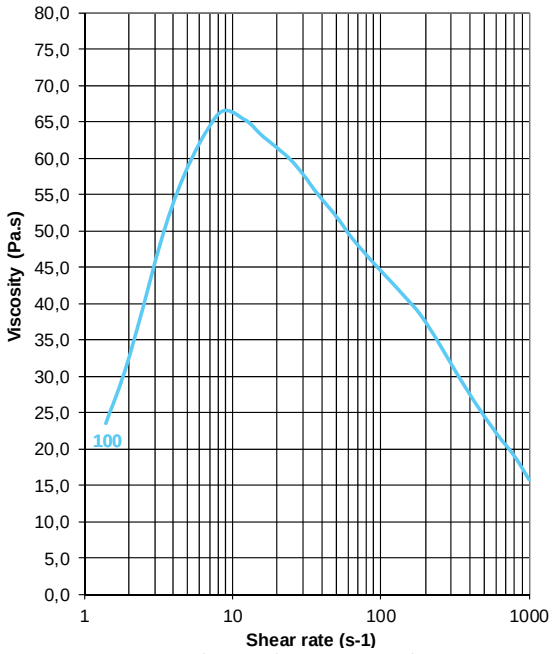
- supported gloves
- automotive air filters
- rotomoulding soft toys and play balls.

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, 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 values measured on the products and can in no event be considered as specifications.

Some applications of this product may be regulated or restricted by applicable laws and regulations or by national or international standards, which may among other concern medical devices, pharmaceutical industry, cosmetics packaging, personal care packaging, food, food additives, feed packaging, drinking water, water treatment. The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual properties rights; and shall comply with the laws, regulations, standards and/or recommendations applicable to our products and/or to his activity, to their final articles and/or their use. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

The information below 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. All products are supplied in accordance with our general terms and conditions for 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. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.

Users of INOVYN™ products should consult the appropriate INOVYN Health and Safety, or SDS literature which is available from your sales or technical representative.

In this context, INOVYN remains available for any further technical information such final article manufacturer may need in that regard.

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TDS INOVYN™ PVC P737			
Date	October 2016	Issue	01

INOVYN™ PVC P737

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

SUSTAINABILITY

INOVYN is the leading financial contributor towards the European PVC Voluntary Commitment, VinylPlus. Through this initiative a number of key sustainability challenges are being addressed which continue to contribute towards lowering the environmental footprint of PVC. These commitments are aimed at: achieving higher recycling rates of PVC and developing innovative recycling technologies; addressing any potential concerns about organochlorine emissions; ensuring the sustainable use of additives; improving energy efficiency and the potential use of renewable sources and raw materials in PVC production; and promoting sustainability awareness throughout the whole PVC value chain. For more detailed information, please visit www.vinylplus.eu.

As part of the sustainability journey there is increasing interest in the environmental footprint of PVC resin. For example such information is used by life cycle practitioners for the purpose of understanding the various environmental impacts associated with the manufacture of PVC resins. In order to assist in such assessments the European Council of Vinyl Manufacturers, for which INOVYN is an active member, has published an Environmental Product Declarations (EPDs) that is are electronically available on: http://www.pvc.org/en/p/eco-profiles--lca.

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