Eltex® P KS417

Provisional technical datasheet

Product Technical Information

Polypropylene –Heat Seal

Eltex® P KS417 is a random copolymer with a high ethylene content, developed for use primarily as the sealing layer in "coextruded bioriented metallisable film" ; it contains no technical additives and is thus particularly appreciated by users wishing to use their own "formulas". Its stabilisation package has been especially designed for metallisable film applications.

Applications

- Random copolymer specially developed for the sealing layers of "coextruded bioriented film" produced on “high speed BOPP” line
- Suitable also for coextruded cast film

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133	7	g/10min
Mechanical				
Flexural Modulus	@ 23ºC	ISO 178	720	MPa
Thermal				
Melting Point		ASTM D 3417	134	ºC
Heat Seal Threshold	1s, 3 bars, 100mm/min			
	100g/cm	INEOS	115	ºC

March, 2011

Published by

INEOS Olefins & Polymers Europe

Eltex® P KS417

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

Exclusion of Liability

Although INEOS O&P Europe endeavours to ensure that all information and advice relating to our materials or other materials howsoever provided to you by INEOS O&P Europe is accurate and up to date, no representation or warranty, express or implied is made by INEOS O&P Europe as to its accuracy or completeness. All such information and advice is provided in good faith and INEOS O&P Europe is not, to the maximum extent permitted by law, liable for any action you may take as a result of relying on such information or advice or for any loss or damage, including any consequential loss, suffered by you as a result of taking such action.

In addition data and numerical results howsoever provided to you by INEOS O&P Europe are given in good faith and are general in nature. Data and numerical results are not and shall not be regarded as specifications and as such INEOS O&P Europe is not, to the maximum extent permitted by law, liable for any action that you take as a result of relying on such data and results or for any loss or damage, including any consequential loss, suffered by you as a result of taking such action.

It remains at all times your responsibility to ensure that INEOS O&P Europe materials are suitable for the particular purpose intended and INEOS O&P Europe shall not be responsible for any loss or damage caused by misuse of INEOS O&P Europe products. To the maximum extent permitted by law, INEOS O&P Europe accepts no liability whatsoever arising out of the application, adaptation or processing of the products described herein, the use of other materials in lieu of INEOS O&P Europe materials or the use of INEOS O&P Europe materials in conjunction with such other materials.

March, 2011

Published by

INEOS Olefins & Polymers Europe