Eltex® MED 240-MS23

Product Technical Information

Polypropylene – Random Copolymer

Eltex® MED 240-MS23 is a highly clarified and lubricated random copolymer with good flow primarily intended for injection moulding.
Eltex® MED 240-MS23 is produced according to Good Manufacturing Practices, and is available in granular form.

Applications

- External barrel for disposable syringes (not pre-filled)
- Transparent thin wall injection moulding

Benefits and Features

- Excellent optical properties
- Slip agent
- Good flow

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230ºC/2.16kg	ISO 1133	23	g/10min
Mechanical				
Flexural Modulus	@23ºC	ISO 178	980	MPa
Tensile Strength	@Yield	ISO 527-1,-2	26	MPa
Thermal				
Melting point		ASTM D3418	146	ºC

- **Data should not be used for specification work**

November, 2011

Published by

INEOS Olefins & Polymers Europe

Eltex® MED 240-MS23

Compliance to Regulations on Medical Use

Eltex® MED 240-MS23 complies with the USP Class VI – 70°C guidelines.

Storage and Handling

The product should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation which results in odour generation and colour changes, and can have negative effects on the physical properties of the product. 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.

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.

November, 2011

Published by

INEOS Olefins & Polymers Europe