# 23T930

## Product Technical Information

LDPE for Injection moulding

**23T930** is a low-density polyethylene intended for injection rnoulding. It is a high MFR material, having good flow properties and allowing short cycle tirne. The rnoulded article is characterised by low degree of built-in stress, good stiffness and high gloss.

## Applications

**23T930** is recommended for injection moulding of flexible products which require good flow properties and short cycle time. The material is especially suitable for thin walled products like caps and closures, household goods and toys.

| Properties | Test Method | Value | Units |
|---|---|---|---|
| **Physical** | | | |
| Melt flow rate (190°C/2.16 kg) | ISO 1133 | 22 | g/10 min |
| Density | ISO 1183 | 923 | kg/m$^3$ |
| Tensile Strain @ break (50mm/min) | ISO 527-2 | 130 | % |
| Tensile Impact Strength, notched | ISO 825 UA 1 | 180 | kJ/m$^2$ |
| Tensile modulus (1mm/min) | ISO 527-2 | 180 | MPa |
| Hardness Shore D | ISO 868 | 49 | - |
| Vicat softening temperature A (10N) | ISO 306 | 92 | °C |

- Data should not used for specification work

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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@innovene.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.innovene.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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