



19N930

Product Technical Information

LDPE for Injection moulding

19N930 is a low-density polyethylene intended for injection moulding. It is a medium MFR material, having good flow properties and allowing short cycle time. The moulded article is characterised by low degree of built-in stress, good stiffness, low warpage and high gloss.

Applications

19N930 is recommended for injection moulding of flexible products which require good flow properties and short cycle time. The material is especially suitable for products like caps and closures, household goods and toys.

Properties	Test Method	Value	Units
Physical			
Melt flow rate Condition D	ISO 1133	7.5	g/10 min
Conventional density (conditioning ISO 1872/1)	ISO 1183 Method D	920	kg/m ³
Vicat softening temperature*	ISO 306 Method A	88	°C
DSC melting temperature (10°C/min)	INEOS Method	108	°C
Shore hardness D*	ISO 868	47	-
Tensile stress @ yield*	ISO R527	9	MPa
Tensile stress @ break*	ISO R527	10	MPa
Elongation @ break*	ISO R527	550	%

* Measurements made on compression moulded plaques.

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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@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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