23T930

Product Technical Information

LDPE for Injection moulding

23T930 is a low-density polyethylene intended for injection moulding. It is a high 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 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	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	190°C/2.16kg	ISO 1133-1	22	g/10min
Physical				
Density ISO 17855-1	23°C	ISO 1183-2	923	kg/m³
Mechanical				
Tensile Modulus	1 mm/min	ISO 527-2	180	MPa
Tensile Impact Strength, notched	method A1	ISO 8256	180	kJ/m²
Tensile strain at break	50mm/min	ISO 527-2	130	%
Shore D Hardness		ISO 868	49	-
Vicat softening temperature	Method A (10N)	ISO 306	92	g/10 min

Data should not be used for specification work

January, 2022

Published by

INEOS Olefins & Polymers Europe

23T930

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.

January, 2022

Published by

INEOS Olefins & Polymers Europe