

Technical Datasheet 1922T

1) Product Description:

Low Density Polyethylene for Injection Molding.

2) Applications:

The grade especially developed for applications which need a good balance between flow properties and mechanical properties. e.g. toys, houseware, and Snap-on lids.

Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183(A)	Kg/m ²	919
Melt Flow Rate at 190 °C and 2.16 kg	ISO 1133	g/min	22
Tensile Strength at Break	ISO R 527-1	MPa	7
Strain at Break	ISO R 527-1	%	400
Tensile modulus	ISO R 527-1	MPa	175
Notched tensile impact Strength	ASTM D 627	KJ/m ²	86
Notched Izod Impact	ASTM D 627	KJ/m ²	42
Heat Deflection Temperature at 0.45 MPa	ASTM D 648	°C	39
Vicat Softening Temperature at 10 N	ASTM D 1525	°C	82

* Typical values not to be construed as specifications.