

NAME: 1922T

1) Product Description: LDEP 1922T Injection molding

2) Application:

- It is used for applications that require a good balance between flow properties and mechanical properties e.g. toys, household articles, clamping lids.

3) Typical data. (Table)

Property	Unit	Typical Value	Test Method
Physical			
MFI at 190 °c & 2.16 kg	Dg/min	22	ISO 1133
Density	kg/m ³	919	ISO 1183 (A)
Thermal			
Vicat Softening Temp.	°c	82	ISO 306
Heat Deflection Temp.	°c	39	ISO 75
Melting Temp.	°c	105	DIN 53765
Mechanical			
Tensile Strength@ yield	MPa	8	ISO 527/2
Tensile Strength@Break	MPa	7	ISO 527/2
Elongation@ break	%	400	
Hardness Shore D	-	45	ISO 868
ESCR	h	3	DSM Method
Tensile Modulus	Mpa	175	ISO 527/2
Creep Modulus after 1h	Mpa	80	ISO 899
Ball indentation hardness	Mpa	16	ISO 2039-1
Izod Impact Notched	kJ/m2	42	ISO 180/A
Formulation			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	-	
slip	ppm	-	