

Technical Datasheet

- **Grade Name:** Modiran 1922T
- **Categories:** Polymer, Thermoplastic, Polyethylene, Low Density Polyethylene
- **Processing Methods:** Extrusion
- **Applications:** Toys, Household Articles, Clamping lids
- **Features:** Good flow properties, Good mechanical properties

Physical Properties			
Properties	Value	Unit	Test Method
MFI (190°C/2.16 Kg)	22	dg/min	ISO 1133
MFI (190°C/5 Kg)	75	dg/min	ISO 1133
Density	0.92	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Tensile Stress at Yield	8	MPa	ISO 527/2
Tensile Stress at Break	7	MPa	ISO 527/2
Elongation at Break	8.4	%	ISO 8256/1B
Strain at Break	400	%	ISO 527/2
Tensile Modulus	175	MPa	ISO 527/2
Notched Izod at +23°C	42	KJ/m ²	ISO 180 A
Notched Izod at -30°C	5	KJ/m ²	ISO 180 A
Notched Tensile impact strength	86	KJ/m ²	ISO 8256/1B
Creep Modulus (After 1 hour)	80	MPa	ISO 899
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (at 0.45 MPa)	39	°C	ISO 75
Vicat softening temperature at 10 N	82	°C	ISO 306

Typical Properties: These values are not to be considered as product specifications.

