

DT1302-CM



Specialty Polymer for Injection Molding

Features: Excellent clarity with antistatic agent. Good low temperature performance.

Applications: E-commerce closures and small parts

Resin Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Melt Flow Rate	30 g/10min		D1238
Density	0.90 g/cm ³		D1505
Melting Temperature	150 -156 °C	302 – 313 °F	D3418

Mechanical Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Tensile Yield Strength	25.3 MPa	3670 psi	D 638
Tensile Yield Elongation	12.8 %	12.8 %	D 638
Flexural Modulus - Tangent	940 MPa	136 kpsi	D 790
Flexural Modulus - Secant	879 MPa	127 kpsi	D 790
Deflection Temperature @66psi (0.455 MPa)	71 °C	160 °F	D 648
Rockwell Hardness		66 R	D 785
Notched Izod @ 23°C	316 J/m	5.9 ft-lb/in	D 256
Gardner Impact @ 23°C	>36 J	>320 in-lb	D 5420
Gardner Impact @ 0°C	>36 J	>320 in-lb	D 5420
Haze @ 25mil	5.9 %	5.9 %	D 1003
Haze @ 50mil	10.3 %	10.3 %	D 1003

Regulatory

FDA – 21 CFR 177.1520(c) 3.1a

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