

Product Texts

Nontoxic alternative to Lead (Pb)

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	661.9	MPa	ASTM D 638
Tensile Strength	13.8	MPa	ASTM D 638
Elongation at Break	12	%	ASTM D 638
Flexural Modulus	799.8	MPa	ASTM D 790
Flexural Strength	23.1	MPa	ASTM D 790
Izod Impact notched, 1/8 in	267	J/m	ASTM D 256

Electrical properties

	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	0.2	Ohm	ASTM D 257

Other properties

	Value	Unit	Test Standard
Density	10000	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Melt temperature	204 - 221	°C	-
Mold temperature	10 - 26.7	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

EMI Attenuation/Shielding, Low Odor

Chemical Resistance

Radiation Resistance

Regional Availability

North America