

Product Texts

Nontoxic alternative to Lead (Pb)

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3447	MPa	ASTM D 638
Tensile Strength	34.5	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	3447	MPa	ASTM D 790
Flexural Strength	41.4	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	127	°C	ASTM D 648

Other properties

	Value	Unit	Test Standard
Density	6000	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	135	°C	-
Pre-drying - Time	4	h	-
Melt temperature	316 - 343	°C	-
Mold temperature	135 - 149	°C	-

Characteristics**Processing**

Injection Molding

Features

EMI Attenuation/Shielding, Low Odor

Delivery form

Pellets

Regional Availability

North America