

Ecomass® Compound 1002TU96

PEBA-MED(x)

DOMO Engineering Plastics

Product Texts

Nontoxic alternative to Lead (Pb)

Processing/Physical Characteristics**ASTM Data**

	Value	Unit	Test Standard
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties**ASTM Data**

	Value	Unit	Test Standard
Tensile Modulus	2068	MPa	ASTM D 638
Tensile Strength	19	MPa	ASTM D 638
Elongation at Break	12	%	ASTM D 638
Flexural Modulus	758.4	MPa	ASTM D 790
Flexural Strength	34.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	267	J/m	ASTM D 256

Thermal properties**ASTM Data**

	Value	Unit	Test Standard
DTUL @ 66 psi	51.7	°C	ASTM D 648

Electrical properties**ASTM Data**

	Value	Unit	Test Standard
Surface Resistivity	0.2	Ohm	ASTM D 257

Other properties

	Value	Unit	Test Standard
Density	11000	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	73.9	°C	-
Pre-drying - Time	4	h	-
Melt temperature	232 - 260	°C	-
Mold temperature	65.6 - 82.2	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

EMI Attenuation/Shielding, Low Odor, Copolymer

Chemical Resistance

Radiation Resistance

Regional Availability

North America