

**Ecomass® Compound 1005ZD96**

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	4826	MPa	ASTM D 638
Tensile Strength	26.5	MPa	ASTM D 638
Elongation at Break	4.5	%	ASTM D 638
Flexural Modulus	3585	MPa	ASTM D 790
Flexural Strength	79.3	MPa	ASTM D 790
Izod Impact notched, 1/8 in	133	J/m	ASTM D 256

**Thermal properties****ASTM Data**

	Value	Unit	Test Standard
DTUL @ 66 psi	65.6	°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	10000	kg/m <sup>3</sup>	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 - 249	°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