

**Ecomass® Compound 4703ZD90**

TPU-MED(x)

DOMO Engineering Plastics

**Product Texts**

Nontoxic alternative to Lead (Pb)

**Processing/Physical Characteristics****ASTM Data**

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

**Mechanical properties****ASTM Data**

	Value	Unit	Test Standard
Tensile Modulus	655	MPa	ASTM D 638
Tensile Strength	16.5	MPa	ASTM D 638
Elongation at Break	40	%	ASTM D 638
Flexural Modulus	82.74	MPa	ASTM D 790
Flexural Strength	20.7	MPa	ASTM D 790
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256

**Other properties**

	Value	Unit	Test Standard
Density	7900	kg/m <sup>3</sup>	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