

Ecomass® Compound 4703ZD84

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	0.005	mm/mm	ASTM D 955

Mechanical properties**ASTM Data**

	Value	Unit	Test Standard
Tensile Modulus	620.5	MPa	ASTM D 638
Tensile Strength	21.4	MPa	ASTM D 638
Elongation at Break	59	%	ASTM D 638
Flexural Modulus	96.53	MPa	ASTM D 790
Flexural Strength	55.2	MPa	ASTM D 790
Izod Impact notched, 1/8 in	395	J/m	ASTM D 256

Other properties

	Value	Unit	Test Standard
Density	5600	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