

Ecomass® Compound 4703BI62

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	0.008	mm/mm	ASTM D 955

Mechanical properties**ASTM Data**

	Value	Unit	Test Standard
Tensile Modulus	565.4	MPa	ASTM D 638
Tensile Strength	20.7	MPa	ASTM D 638
Elongation at Break	225	%	ASTM D 638
Flexural Modulus	144.8	MPa	ASTM D 790
Flexural Strength	42.7	MPa	ASTM D 790
Izod Impact notched, 1/8 in	267	J/m	ASTM D 256

Other properties

	Value	Unit	Test Standard
Density	2200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	2	h	-
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