

**Ecomass® Compound 4703ZC76**

TPU-MED(x)

DOMO Engineering Plastics

**Product Texts**

Nontoxic alternative to Lead (Pb)

**Processing/Physical Characteristics**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.007</b>	mm/mm	ASTM D 955

**Mechanical properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>517.1</b>	MPa	ASTM D 638
Tensile Strength	<b>18.6</b>	MPa	ASTM D 638
Elongation at Break	<b>200</b>	%	ASTM D 638
Flexural Modulus	<b>166.9</b>	MPa	ASTM D 790
Flexural Strength	<b>41.4</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>267</b>	J/m	ASTM D 256

**Other properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>3400</b>	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>82.2</b>	°C	-
Pre-drying - Time	<b>2</b>	h	-
Melt temperature	<b>204 - 221</b>	°C	-
Mold temperature	<b>10 - 26.7</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

EMI Attenuation/Shielding, Low Odor

**Delivery form**

Pellets

**Regional Availability**

North America