

**Carbothane® Aliphatic PC-3555D-B20**

TPU-Z20

The Lubrizol Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.008</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Flexural Modulus	<b>153.8</b>	MPa	ASTM D 790
Shore D Hardness	<b>52</b>	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Vicat Temperature	<b>57.2</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Chemical Resistance**

General Chemical Resistance, Oxidation Resistance, Radiation Resistance

**Applications**

Medical

**Regional Availability**

North America, Europe, Asia Pacific