

Carbothane® Aliphatic PC-3555D

TPU

The Lubrizol Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	133.1	MPa	ASTM D 790
Shore D Hardness	50	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	51.1	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Medical

Chemical Resistance

General Chemical Resistance, Oxidation Resistance

Regional Availability

North America, Europe, Asia Pacific