

Tecoplast® TP-470

TPU

The Lubrizol Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	68.9	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2068	MPa	ASTM D 790
Shore D Hardness	82	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	65.6	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Medical

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific