

Estane® T470A TPU

TPU

Lubrizol Advanced Materials Spain S.L.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Modulus at 100% Elongation	3.53	MPa	ASTM D 412
Modulus at 300% Elongation	1.97	MPa	ASTM D 412
Shore A Hardness	77	-	ASTM D 2240
Tear Strength	73.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	10	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	35	%	ASTM D 395
Thermal properties			
ASTM Data			
Vicat Temperature	77.2	°C	ASTM D 1525
Other properties			
Density	1130	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific