

POLYPUR® FPU 1117

TPU

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.9	mm/mm	ASTM D 955
Mold Shrinkage, TD	1.4	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	69	MPa	ASTM D 790
Shore D Hardness	47	-	ASTM D 2240
Compression Set , 22 hr @ 73 °F	30	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	35	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, TD	150	E-6/K	ASTM D 696

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America