

Pellethane® 2363-75D TPU

TPU

The Lubrizol Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	28	g/10min	ASTM D 1238
Temperature	224	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	1300	MPa	ASTM D 790
Shore D Hardness	76	-	ASTM D 2240
Tear Strength	257	kN/m	ASTM D 624
Taber Abrasion Resistance	55	mg/1000 cycles	ASTM D 1044

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	88.7	E-6/K	ASTM D 696
Vicat Temperature	116	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Characteristics**Features**

Low Odor

Regional Availability

North America, Europe, Asia Pacific

Certifications

US Pharmacopeia Class VI Approved