

Pellethane® 2363-65D TPU

TPU

The Lubrizol Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	40	g/10min	ASTM D 1238
Temperature	224	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0085	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	221	MPa	ASTM D 790
Modulus at 100% Elongation	20	MPa	ASTM D 412
Modulus at 300% Elongation	34.5	MPa	ASTM D 412
Shore D Hardness	62	-	ASTM D 2240
Tear Strength	193	kN/m	ASTM D 624
Taber Abrasion Resistance	105	mg/1000 cycles	ASTM D 1044
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, MD	104	E-6/K	ASTM D 696
Vicat Temperature	107	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ASTM D 792

Characteristics**Features**

Low Odor

Certifications

US Pharmacopeia Class VI Approved

Regional Availability

North America, Europe, Asia Pacific