

Isoplast® 101 LGF60 ETP BLK

TPU

Lubrizol Advanced Materials Spain S.L.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	16000	MPa	ASTM D 638
Tensile Strength at Yield	179	MPa	ASTM D 638
Tensile Strength at Break	179	MPa	ASTM D 638
Elongation at Yield	1.6	%	ASTM D 638
Elongation at Break	1.6	%	ASTM D 638
Flexural Modulus	14000	MPa	ASTM D 790
Flexural Strength	317	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	11	E-6/K	ASTM D 696
DTUL @ 264 psi	127	°C	ASTM D 648
Vicat Temperature	186	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1710	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe, Asia Pacific