

Isoplast® 101 LGF 40 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	10000	MPa	ASTM D 638
Tensile Strength at Yield	186	MPa	ASTM D 638
Tensile Strength at Break	186	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	9600	MPa	ASTM D 790
Flexural Strength	248	MPa	ASTM D 790
Izod Impact notched, 1/8 in	320	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	320	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	14	E-6/K	ASTM D 696
DTUL @ 264 psi	93	°C	ASTM D 648
Vicat Temperature	186	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1510	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe, Asia Pacific