

SKYPLETE LE100

TPE

SK Chemicals

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Elongation at Break	400	%	ASTM D 638
Flexural Strength	4.4	MPa	ASTM D 790
Modulus at 100% Elongation	7.85	MPa	ASTM D 412
Modulus at 300% Elongation	3.27	MPa	ASTM D 412
Shore A Hardness	93	-	ASTM D 2240
Shore D Hardness	40	-	ASTM D 2240
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	50	°C	ASTM D 648
Melting Temperature	160	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Characteristics**Processing**

Additive Manufacturing

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Applications

Filament for 3D Printing