

SKYPLETE LE50

TPE

SK Chemicals

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Elongation at Break	400	%	ASTM D 638
Flexural Strength	2	MPa	ASTM D 790
Shore A Hardness	88	-	ASTM D 2240
Shore D Hardness	30	-	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	174	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.2	%	ASTM D 570
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Additive Manufacturing

Regional Availability

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