

SUMIKASUPER® SV6808THF

LCP-(GF+MX)40

Sumitomo Chemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0056	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	124	MPa	ASTM D 638
Flexural Modulus	9800	MPa	ASTM D 790
Flexural Strength	139	MPa	ASTM D 790
Izod Impact unnotched, 1/8 in	358	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.3	mm	-
DTUL @ 264 psi	270	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1720	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	4 - 24	h	-
Melt temperature	360	°C	-
Mold temperature	40 - 160	°C	-
Zone 1	310 - 340	°C	-
Zone 2	310 - 340	°C	-
Zone 3	340 - 370	°C	-
Nozzle temperature	330 - 370	°C	-
Screw speed	50 - 250	rpm	-
Injection pressure	40 - 180	MPa	-
Back pressure	1 - 5	MPa	-
Holding pressure	30 - 70	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Black, Natural Color

Regional Availability

North America, Europe, Asia Pacific