

SKYPEL LP380A

TPE

SK Chemicals

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	38	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	26.5	MPa	ASTM D 638
Elongation at Break	1400	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240
Compression Set, 22 hr @ 158 °F	58	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	179	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1060	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	35	°C	-
Zone 1	190	°C	-
Zone 2	200	°C	-
Zone 3	200	°C	-
Nozzle temperature	205	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	200	°C	-
Zone 1	180	°C	-
Zone 2	190	°C	-
Zone 3	195	°C	-
Nozzle temperature	195	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

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