

SKYPEL LX780A

TPE

SK Chemicals

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	220	°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	27.5	MPa	ASTM D 638
Elongation at Break	1500	%	ASTM D 638
Modulus at 100% Elongation	3.4	MPa	ASTM D 412
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	84	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	57	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	192	°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	205	°C	-
Zone 2	210	°C	-
Zone 3	215	°C	-
Nozzle temperature	220	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	215	°C	-
Zone 1	195	°C	-
Zone 2	210	°C	-
Zone 3	210	°C	-
Nozzle temperature	210	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

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