

SKYPEL G155D

TPE

SK Chemicals

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	39	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Flexural Modulus	206	MPa	ASTM D 790
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	165	kN/m	ASTM D 624

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Melting Temperature	202	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	35	°C	-
Zone 1	205	°C	-
Zone 2	215	°C	-
Zone 3	220	°C	-
Nozzle temperature	225	°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

Delivery form

Pellets