

SKYPEL G140DW

TPE

SK Chemicals

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.008	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	680	%	ASTM D 638
Flexural Modulus	66.7	MPa	ASTM D 790
Shore D Hardness	40	-	ASTM D 2240
Tear Strength	115	kN/m	ASTM D 624
Izod Impact notched, 1/4 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	70	°C	ASTM D 648
Melting Temperature	153	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dissipation Factor, 1 MHz	0.054	-	ASTM D 150
Surface Resistivity	2E14	Ohm	ASTM D 257
Volume Resistivity	3E13	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

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