



Starex GR-4020			
ABS-GF		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	6	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Density, 73°F	1180	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	83	MPa	ASTM D 638
Flexural Modulus	5300	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	0.0663	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	104	°C	ASTM D 648
Characteristics			
Delivery form		Features	
Pellets, Natural Color		Low Odor	