



Starex MP-0670			
ABS		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	2.3	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1040	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	41	MPa	ASTM D 638
Flexural Modulus	2110	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Rockwell Hardness	R 108	-	ASTM D 785
Izod Impact notched, 1/8 in	0.282	kJ/m	ASTM D 256
Izod Impact notched, 1/4 in	0.273	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	100	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	86	°C	ASTM D 648
Characteristics			
Delivery form		Features	
Pellets, Natural Color		Low Odor	