



Starex BF-0677HF (ABS+PMMA)				Samsung Cheil Industries
Processing/Physical Characteristics		Value	Unit	Test Standard
ASTM Data				
Melt Flow Index	18.5	g/10min	ASTM D 1238	
Temperature	220	°C	-	
Load	10	kg	-	
Density, 73°F	1130	kg/m³	ASTM D 792	
Mechanical properties		Value	Unit	Test Standard
ASTM Data				
Tensile Strength	45	MPa	ASTM D 638	
Elongation at Break	22	%	ASTM D 638	
Flexural Modulus	2320	MPa	ASTM D 790	
Flexural Strength	69	MPa	ASTM D 790	
Rockwell Hardness	R 116	-	ASTM D 785	
Izod Impact notched, 1/8 in	0.0749	kJ/m	ASTM D 256	
Thermal properties		Value	Unit	Test Standard
ISO Data				
Vicat softening temperature, 50°C/h 50N	93	°C	ISO 306	
ASTM Data				
UL 94 Flame rating	HB	-	UL 94	
Thickness tested	1.5	mm	-	
DTUL @ 264 psi	81	°C	ASTM D 648	
Characteristics				
Delivery form		Features		
Pellets, Natural Color		Low Odor		