



Starex WR-9750H			
ASA		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	4	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Density, 73°F	1070	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	39	MPa	ASTM D 638
Flexural Modulus	1670	MPa	ASTM D 790
Flexural Strength	52	MPa	ASTM D 790
Rockwell Hardness	R 91	-	ASTM D 785
Izod Impact notched, 1/8 in	0.471	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	95	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	95	°C	ASTM D 648
Characteristics			
Delivery form	Features		
Pellets, Natural Color	Low Odor		