



Starex WR-9750H ASA				Samsung Cheil Industries
Processing/Physical Characteristics				
ASTM Data	Value	Unit	Test Standard	
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				
ASTM Data	Value	Unit	Test Standard	
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				
ISO Data	Value	Unit	Test Standard	
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			