



Starex WR-9120AT			
ASA		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	15	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 at Yield	48	MPa	ASTM D 638
Elongation at Yield	60	%	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	66	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/8 in	0.12	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	97	°C	ISO 306
ASTM Data			
DTUL @ 264 psi	82	°C	ASTM D 648
Characteristics			
Delivery form		Features	
Pellets, Natural Color		Low Odor	