



<b>Starex WR-9120AT</b>			
<b>ASA</b>		Samsung Cheil Industries	
<b>Processing/Physical Characteristics</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt Flow Index	15	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Density, 73°F	1130	kg/m <sup>3</sup>	ASTM D 792
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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
<b>Thermal properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Vicat softening temperature, 50°C/h 50N	97	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 264 psi	82	°C	ASTM D 648
<b>Characteristics</b>			
<b>Delivery form</b>		<b>Features</b>	
Pellets, Natural Color		Low Odor	