



Starex SR-0320 K			
ABS		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	8	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Density, 73°F	1050	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	44	MPa	ASTM D 638
Flexural Modulus	2160	MPa	ASTM D 790
Flexural Strength	64	MPa	ASTM D 790
Rockwell Hardness	R 106	-	ASTM D 785
Izod Impact notched, 1/4 in	0.179	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	107	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	96	°C	ASTM D 648
Characteristics			
Delivery form	Features		
Pellets, Natural Color	Low Odor		