



TER Plastics
POLYMER GROUP



Starex SL-0100			
ABS		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	7	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Density, 73°F	1040	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	33	MPa	ASTM D 638
Flexural Modulus	1570	MPa	ASTM D 790
Flexural Strength	44	MPa	ASTM D 790
Izod Impact notched, 1/8 in	0.0605	kJ/m	ASTM D 256
Izod Impact notched, 1/4 in	0.0567	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	99	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Characteristics			
Delivery form		Features	
Pellets, Natural Color		Low Odor	