



TER Plastics
POLYMER GROUP



Starex MP-0160 R			
ABS		Samsung Cheil Industries	
Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	1.5	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Density, 73°F	1040	kg/m³	ASTM D 792
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	39	MPa	ASTM D 638
Flexural Modulus	1960	MPa	ASTM D 790
Flexural Strength	55	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/4 in	0.245	kJ/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	96	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	86	°C	ASTM D 648
Characteristics			
Delivery form		Features	
Pellets, Natural Color		Low Odor	