



Starex GR-4017

ABS

Samsung Cheil Industries

Processing/Physical Characteristics Value Unit Test Standard

ASTM Data

Melt Flow Index	18	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Density, 73°F	1170	kg/m³	ASTM D 792

Mechanical properties Value Unit Test Standard

ASTM Data

Tensile Strength	77	MPa	ASTM D 638
Flexural Modulus	5000	MPa	ASTM D 790
Flexural Strength	116	MPa	ASTM D 790
Rockwell Hardness	R 111	-	ASTM D 785
Izod Impact notched, 1/8 in	0.0797	kJ/m	ASTM D 256

Thermal properties Value Unit Test Standard

ASTM Data

DTUL @ 264 psi	103	°C	ASTM D 648
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Characteristics

Delivery form

Pellets, Natural Color

Features

Low Odor