

**Carbotex KG-15MRA**

PC-GF15

Kotec Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break	98	MPa	ASTM D 638
Elongation at Break	4.5	%	ASTM D 638
Flexural Modulus	4410	MPa	ASTM D 790
Flexural Strength	132	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
DTUL @ 264 psi	143	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.008	-	ASTM D 150
Dielectric Constant, 1 MHz	3.2	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Arc Resistance	110	s	ASTM D 495
<b>Other properties</b>			
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1300	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets, Natural Color

**Regional Availability**

North America, Europe, Near East/Africa

**Features**

Low Odor