

Kocetal® CF302BK

POM-CF10

Kolon Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	105	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	9780	MPa	ASTM D 790
Flexural Strength	156	MPa	ASTM D 790
Rockwell Hardness	M 87	-	ASTM D 785
Izod Impact notched, 1/8 in	3	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 66 psi	164	°C	ASTM D 648
DTUL @ 264 psi	160	°C	ASTM D 648
Melting Temperature	166	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1000	Ohm	ASTM D 257
Volume Resistivity	100	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

North America, Asia Pacific

Special Characteristics

Increased electrical conductivity