

Ecopond AFR-97 (PLA+PC)

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	52	MPa	ASTM D 638
Flexural Modulus	2710	MPa	ASTM D 790
Flexural Strength	72	MPa	ASTM D 790
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	2.8	mm	-
DTUL @ 264 psi	84	°C	ASTM D 648
Other properties			
Density	1260	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Certifications

Contains renewable resources

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa