

**Ecopond Flex-262**

(TPC+PLA)

Kingfa Sci. &amp; Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	2.4	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	19.5	MPa	ASTM D 638
Flexural Modulus	245	MPa	ASTM D 790
Flexural Strength	9.5	MPa	ASTM D 790
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, A	70	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 264 psi	50	°C	ASTM D 648
Melting Temperature	133	°C	ASTM D 3418
<b>Optical properties</b>			
<b>ASTM Data</b>			
Light Transmittance	86	%	ASTM D 1003
<b>Other properties</b>			
Density	1230	kg/m <sup>3</sup>	ISO 1183
Density	1240	kg/m <sup>3</sup>	ASTM D 792
<b>Film Properties</b>			
<b>ISO Data</b>			
Maximum stress, parallel	37	MPa	ISO 527-3
Maximum stress, normal	43	MPa	ISO 527-3
Maximum strain, parallel	480	%	ISO 527-3
Maximum strain, normal	640	%	ISO 527-3

**Characteristics****Processing**

Blown Film Extrusion, Casting

**Certifications**

Biodegradable

**Features**

Weldable

**Regional Availability**

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