

Lucent PC PC/PBT-1231

(PC+PBT)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	31	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	60.7	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2330	MPa	ASTM D 790
Flexural Strength	89.6	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	107	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	106	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Applications

General Purpose