

Lucent PC PC/PBT-1830

(PC+PBT)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.018	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	52.4	MPa	ASTM D 638
Elongation at Break	118	%	ASTM D 638
Flexural Modulus	1875	MPa	ASTM D 790
Flexural Strength	68.9	MPa	ASTM D 790
Izod Impact notched, 1/8 in	854	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	534	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ASTM Data			
DTUL @ 264 psi	61.1	°C	ASTM D 648
Other properties			
Density	1240	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

High impact or impact modified