

Lucent PC PC/PBT-1422

(PC+PBT)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	53.1	MPa	ASTM D 638
Elongation at Break	118	%	ASTM D 638
Flexural Modulus	2034	MPa	ASTM D 790
Flexural Strength	84.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	160	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ASTM Data			
DTUL @ 264 psi	98.9	°C	ASTM D 648
Other properties			
Density	1210	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

High impact or impact modified