

Lucent PC PC-1418FD

PC

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Elongation at Break	132	%	ASTM D 638
Flexural Modulus	2275	MPa	ASTM D 790
Flexural Strength	98.6	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	132	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR