

DIAMALLOY ENGINEERED ALLOYS PC/PBT 1418

(PC+Polyester)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	53.8	MPa	ASTM D 638
Elongation at Yield	4.6	%	ASTM D 638
Flexural Modulus	2137	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	105	°C	ASTM D 648
Vicat Temperature	128	°C	ASTM D 1525
Other properties			
Density	1210	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America