

**VYLOPET® CA3300**

(PC+PBT)

Toyobo Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	66	MPa	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	96	MPa	ASTM D 790
Izod Impact notched, 1/8 in	82	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	125	°C	ASTM D 648
DTUL @ 264 psi	112	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Volume Resistivity	1E16	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1220	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	3	h	-
Melt temperature	270	°C	-
Mold temperature	70	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Chemical Resistance**

General Chemical Resistance

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific