

Bergadur™ PB400 H UF UV BK701

PBT

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0145	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	38	MPa	ASTM D 638
Flexural Modulus	2850	MPa	ASTM D 790
Flexural Strength	72	MPa	ASTM D 790
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	172	°C	ASTM D 648
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1310	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	75 - 95	°C	-
Zone 1	240 - 270	°C	-
Zone 2	240 - 270	°C	-
Zone 3	240 - 270	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant, Halogen-free, U.V. stabilized or stable to weather

Regional Availability

Asia Pacific