

Bergadur™ PB40 G30 H UF natur UV

PBT-GF30

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	1.6	%	ISO 527
Charpy impact strength, +23°C	34	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Electrical properties			
ISO Data			
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1540	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

Europe

Special Characteristics

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