

Bergamid™ AB700 UF BK138

PA666

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0105	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	70	MPa	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.4	mm	-
DTUL @ 264 psi	70	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257
Other properties			
Density	1190	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	65 - 85	°C	-
Zone 1	260 - 280	°C	-
Zone 2	260 - 280	°C	-
Zone 3	260 - 280	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Black

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free, Heat stabilized or stable to heat