

LubriOne™ AT-000/20T NC004 ROHS

(POM+PTFE)

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	45	MPa	ASTM D 638
Flexural Modulus	2050	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	90	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	75 - 85	°C	-
Zone 1	190 - 200	°C	-
Zone 2	190 - 200	°C	-
Zone 3	190 - 200	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Natural Color

Regional Availability

Asia Pacific

Additives

Lubricants