

EMERGE™ PC 8702-15 (NA)

PC-GX20

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	4000	MPa	ASTM D 638
Tensile Strength at Break	100	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	145	°C	ASTM D 648
DTUL @ 264 psi	140	°C	ASTM D 648
Electrical properties			
ISO Data			
Comparative tracking index	175	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	27	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	3.1	-	ASTM D 150
Surface Resistivity	3E14	Ohm	ASTM D 257
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Other properties			
Density	1330	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	288 - 316	°C	-
Mold temperature	79 - 116	°C	-

Characteristics**Processing**

Injection Molding

Additives

Release agent

Special Characteristics

Flame retardant

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

North America