

**EMERGE™ PC/ABS 7800**

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	60	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2620	MPa	ASTM D 790
Flexural Strength	84.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.7	mm	-
DTUL @ 66 psi	92.2	°C	ASTM D 648
DTUL @ 264 psi	81.1	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1180	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	40 - 60	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Certifications**

Recycled Resin Content

**Applications**

IT / Business Machine, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific, Near East/Africa