

**EMERGE™ PC/ABS 7350**

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	4.2	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	53	MPa	ASTM D 638
Elongation at Break	130	%	ASTM D 638
Flexural Modulus	2599	MPa	ASTM D 790
Flexural Strength	86.9	MPa	ASTM D 790
Izod Impact notched, 1/8 in	694	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1	mm	-
DTUL @ 264 psi	105	°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	60 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	240 - 260	°C	-
Zone 3	250 - 270	°C	-
Nozzle temperature	240 - 270	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

IT / Business Machine, Electrical and Electronical, Sports Equipment

**Regional Availability**

Asia Pacific