

**KIBITON PB-585**

TPE

CHIMEI Corporation

**Product Texts**

STYRENE-BUTADIENE COPOLYMER (TPE)

**Processing/Physical Characteristics****ASTM Data**

	Value	Unit	Test Standard
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	5	kg	-

**Mechanical properties****ASTM Data**

	Value	Unit	Test Standard
Shore A Hardness	47	-	ASTM D 2240

**Other properties**

	Value	Unit	Test Standard
Density	940	kg/m <sup>3</sup>	ASTM D 792

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	60 - 70	°C	-
Pre-drying - Time	1 - 2	h	-
Melt temperature	160 - 170	°C	-
Mold temperature	30 - 70	°C	-
Feed temperature	130 - 150	°C	-
Zone 1	150 - 190	°C	-
Nozzle temperature	150 - 190	°C	-
Injection pressure	2 - 8	MPa	-
Back pressure	0.5 - 1	MPa	-
Holding pressure	2 - 4	MPa	-

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Certifications**

RoHS compliant

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific