

KIBITON PB-587

TPE

CHIMEI Corporation

Product Texts

STYRENE-BUTADIENE COPOLYMER (TPE)

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Shore A Hardness	92	-	ASTM D 2240

Other properties

	Value	Unit	Test Standard
Density	940	kg/m ³	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

Applications

Electrical and Electronical

Features

Copolymer

Regional Availability

Asia Pacific

Certifications

RoHS compliant