

Properties

BE2703(Type K)

Glass fiber-reinforced PBT/PET resin (GF18%)

Good surface appearance

Properties	Test methods	Test conditions	Units	
Mold shrinkage	ASTM D955	-	%	0.2-0.4
Tensile strength	ISO 527	-	MPa	100
Flexural strength	ISO 178	-	MPa	150
Flexural modulus	ISO 178	-	MPa	6000
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	5
Deflection temperature under load	ISO 75	1.80MPa	deg C	180
Density	ISO 1183	-	g/cm3	1.45

Note

•Values are typical, not quality assured.

Typical settings for processing

Preliminary drying	Barrel temperature(deg C)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (deg C)
	Nozzle	Front	Middle	Back			
3-5hrs 100-120deg C	240-260	250-270	240-260	210-230	50-100	10-20	80-100