

Properties

B4740(Type M)

Flame retardant PBT/ABS resin (UL94 V-0)

Impact resistance

Properties	Test methods	Test conditions	Units	
Mold shrinkage	ASTM D955	-	%	1.2-1.5
Tensile strength	ISO 527	-	MPa	40
Flexural strength	ISO 178	-	MPa	60
Flexural modulus	ISO 178	-	MPa	2000
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	15
Deflection temperature under load	ISO 75	1.80MPa	deg C	62
Deflection temperature under load	ISO 75	0.45MPa	deg C	105
Flammability	UL94	-	-	V-0/1.5mm
Density	ISO 1183	-	g/cm3	1.30

Note

- Values are typical, not quality assured.
- UL recognition File No. of Daicel Polymer is E47773.

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 80-120deg C	230-250	240-250	220-240	190-230	50-90	5-20	60-80