

Product Description

glass/mineral filled PPS, lower cost , good strength, dimensional stability, excellent heat and chemical resistance

Material Properties

Properties	Test Method	Unit	glass/mineral filled	
			SC75D	SC75D-BK
Color	-	-	NA	Black
Density	ISO 1183	g/cm ³	1.89	1.89
Water Absorption	ISO 62	%	0.02	0.02
Mold Shrinkage Flow/Transverse	-	%	0.2/0.4	0.2/0.4
Tensile Strength	ISO 527	MPa	120	110
Elongation	ISO 527	%	1.2	1.2
Flexural Strength	ISO 178	MPa	210	200
Flexural Modulus	ISO 178	GPa	18.0	18.0
Notched Izod Impact	ISO 180	kJ/m ²	7.0	6.0
Heat Deflection Temperature 1.8 MPa	ISO 75	°C	265	265
Flammability Rating	UL-94	-	V0	V0
Comparative Tracking Index	UL 746A	V	175	175

Notes for molding

Predry pellets at 120-140°C for 2-4 hours.

Temperature of mold at 130-150°C.

Optimum material temperature :290-320°C,Do not heat above 350°C.

Limit in-cylinder retention time: 300°C/60min. 320°C/30min.