

	Sicoflex [®] ECO 17FV	
ABS		
Recycled Quality Compound		

Description:

ABS general purpose 17% glass fiber filled, recycled quality ISO 14021:2016 compliant, available only in black color.

General

MFI (220°C/10kg)	ISO 1133	18	g/10min
Density	ISO 1183	1.18	g/cm ³
Mold shrinkage (Parallel)		0.20	%
Mold shrinkage (Perpendicular)		0.25	%

Thermal

HDT/A (1,82MPa)	ISO 75A	96	°C
Vicat softening point (B50 (50N))	ISO 306	102	°C
Vicat softening point (A50(10N))	ISO 306	108	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	4.5	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	80	MPa
Elongation at break (23 °C)	ISO 527	3	%
Flexural modulus (23 °C)	ISO 178	4500	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Glow wire flammability index (3mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	1.00E+15	Ohm
Volume resistivity	IEC 60093	1.00E+14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	32	kV/mm
CTI	IEC 60112	575	V