

CAMPUS® Datasheet

ULTEM™ Resin 2312 - PEI-GF30
SABIC



Product Texts

30% Milled glass filled, enhanced flow Polyetherimide (Tg 217C). ECO Conforming, UL94 V0 and 5VA listing.

UL Yellow Card Link [F121562-221100](https://www.ul.com/yellowcard/F121562-221100)

Rheological properties	Value	Unit	Test Standard
Melt volume-flow rate, MVR	12	cm³/10min	ISO 1133
Temperature	360	°C	ISO 1133
Load	5	kg	ISO 1133
Mechanical properties	Value	Unit	Test Standard
Tensile modulus	6000	MPa	ISO 527-1/-2
Stress at break	85	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength, +23°C	25	kJ/m²	ISO 179/1eU
Charpy impact strength, -30°C	25	kJ/m²	ISO 179/1eU
Thermal properties	Value	Unit	Test Standard
Vicat softening temperature, 50°C/h 50N	211	°C	ISO 306
Burning behavior at thickness h	V-0	class	IEC 60695-11-10
Thickness tested (h)	0.8	mm	IEC 60695-11-10
Electrical properties	Value	Unit	Test Standard
Relative permittivity, 1MHz	3.4	-	IEC 62631-2-1
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Comparative tracking index	150	-	IEC 60112
Other properties	Value	Unit	Test Standard
Water absorption	0.9	%	Sim. to ISO 62
Humidity absorption	0.5	%	Sim. to ISO 62
Density	1510	kg/m³	ISO 1183

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