CAMPUS® Datenblatt

ULTEM™ Resin CRS5011 - PEI
SABIC

Produkttext

Transparent, Enhanced flow Polyetherimide copolymer (Tg 225C) with enhanced chemical resistance to strong acids, bases, aromatics, and ketones. ECO conforming, UL94 V0 listing.

UL Yellow Card Link E121562-221115

Rheologische Eigenschaften	Wert	Einheit	Prüfnorm
Schmelzevolumenrate, MVR	**20**	cm³/10min	ISO 1133
Temperatur	**360**	°C	ISO 1133
Belastung	**5**	kg	ISO 1133

Mechanische Eigenschaften	Wert	Einheit	Prüfnorm
Zug-Modul	**2900**	MPa	ISO 527-1/-2
Bruchspannung	**85**	MPa	ISO 527-1/-2
Bruchdehnung	**50**	%	ISO 527-1/-2

Thermische Eigenschaften	Wert	Einheit	Prüfnorm
Vicat-Erweichungstemperatur, 50°C/h 50N	**215**	°C	ISO 306
Brennbarkeit bei nominal 1.5mm	**V-0**	class	IEC 60695-11-10
geprüfte Probekörperdicke	**1.5**	mm	IEC 60695-11-10

Elektrische Eigenschaften	Wert	Einheit	Prüfnorm
Spezifischer Durchgangswiderstand	**1E11**	Ohm*m	IEC 62631-3-1
Spezifischer Oberflächenwiderstand	**1E15**	Ohm	IEC 62631-3-2
Vergleichszahl der Kriechwegbildung	**150**	-	IEC 60112

Andere Eigenschaften	Wert	Einheit	Prüfnorm
Wasseraufnahme	**1.2**	%	Ähnlich ISO 62
Feuchtigkeitsaufnahme	**0.2**	%	Ähnlich ISO 62
Dichte	**1280**	kg/m³	ISO 1183

Merkmale

Besondere Kennwerte

Transparent

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