

CAMPUS® Datasheet

CYCOLOY™ FR CS9610 - (PC+ABS) FR
SABIC



Product Texts

CYCOLOY CS9610 Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS) resin is an excellent flammability, low smoke grade that can be injection molded. This non-chlorinated, non-brominated flame retardant PC/ABS has a UL V0 & 5VB flame rating. CYCOLOY CS9610 resin is an excellent candidate for a wide variety of applications including enclosures in public areas such as transportation.

Rheological properties	Value	Unit	Test Standard
Melt volume-flow rate, MVR	12	cm ³ /10min	ISO 1133
Temperature	260	°C	ISO 1133
Load	5	kg	ISO 1133
Mechanical properties	Value	Unit	Test Standard
Tensile modulus	2400	MPa	ISO 527-1/-2
Yield stress	62	MPa	ISO 527-1/-2
Yield strain	4.8	%	ISO 527-1/-2
Thermal properties	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	106	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	124	°C	ISO 306
Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested (h)	2.0	mm	IEC 60695-11-10
Burning Behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.0	mm	IEC 60695-11-20

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

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