

SITRALON (PC) FR-07-UV / C09059

Artikel 11342

Product description Polycarbonate (PC); UV stabilized; flame retardant

Application

Properties	Standard	Test condition	Unit	Value
Rheological Properties				
Melt Volume - Flow Rate (MVR)	ISO 1133	300°C / 1,2kg	cm ³ /(10min)	6
Mechanical Properties				
Tensile Modulus	ISO 527 -1, -2	1 mm/min	MPa	2.200
Strength	ISO 527 -1, -2	50 mm/min	MPa	50
Stress at yield	ISO 527 -1, -2	50 mm/min	MPa	50
Strain at yield	ISO 527 -1, -2	50 mm/min	%	5
Stress at break	ISO 527 -1, -2	50 mm/min	MPa	40
Charpy impact strength	ISO 179 - 1eU	23 °C	kJ/m ²	N
Thermal Properties				
Vicat softening point	ISO 306	50°C/h; 50N	°C	140
Burning behavior	acc. to UL94	thickn. (1,5) mm	-	V0
Other Characteristics				
Density	ISO 1183	23°C	g/cm ³	1,2

Conditioning	Drying temperature	100-110 °C
	Drying time	2-4 h
	Max. moisture content	< 0,02 %
Processing	Melt temperature	280-300 °C
	Mold temperature	80-120 °C
Storage	dry, dust-free, protected from light	
	not above 30 °C	

Remark

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