

TAIRILAC[®] ANC 100

Acrylonitrile - Butadiene - Styrene - ABS Resin

Technical Data

Characteristic: Flame retardant

Application: Flame retardant materials: Housing of TV, Computers & VCR

Property	Unit	Test Method & Condition		ANC 100
Tensile Strength	Kg/cm ² Mpa	ASTM D - 638	23 °C	400
		ISO 527		39
Flexural Strength	Kg/cm ² Mpa	ASTM D - 790	23 °C	620
		ISO 178		61
Flexural Modulus	Kg/cm ² Mpa	ASTM D - 790	23 °C	25000
		ISO 178		2450
Rockwell Hardness		Test Condition	23 °C	R-101
		ISO 2039/2		
Izod Impact Strength	Kg-cm/cm J/m	ASTM D - 256	23 °C	18
		ISO R180	1/4" Thickness	176
Vicat Softening Point	°C	ASTM D - 1525	1 Kg load	90
		ISO 306		
Heat Deflection Temperature	°C	ASTM D - 648	Unannealed 18.6 Kg/cm ²	80
		ISO 75/A	Annealed 8 °C X 8hr	85
Melt Flow Index	g/10 min	ASTM D - 1238	200 °C *5 kfg 49N	4,5
		ISO 1113	220 °C *10 kfg 98N	---
Specific Gravity		ASTM D - 792	23 °C / 23 °C	1,21
		ISO 1183		
Flammability		UL - 94	File No.	1/10" 5V, 1/16 V0
			E 162823	All colours

- Note.
- All tests were run under laboratory conditions, ASTM, ISO (where applicable) testing procedures.
 - The data are intended as a general guide only and to not necessarily represent results that may be obtained elsewhere.
 - The use of these products must be guided by the user's own methods for selection of the proper formulation.