



TECHNICAL DATA SHEET

SECTION 1 - PRODUCT IDENTIFIER AND MANUFACTURER

1.1.1 Grade FE90C01 VIOLET CLEAR G009
1.1.2 Specification Number FE90C01180719
1.1.3 Last Reviewed 18/07/2019

1.2 Details of manufacturer

APN COMPOUNDING PTY LTD A.B.N: 75 062 651 156
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SECTION 2 - DESCRIPTION

2.1 Description

FE90C01 G009 is a Flexible Extrusion class PVC Compound designed for extrusion of tubing.

FE90C01 G009 has been independently type tested for compliance to ISO 10993 parts 5-Cytotoxicity and 10- Acute Dermal Irritation/Corrosion, as well as BP 2005- appendix IXXA2 – Materials based on Polyvinyl Chloride- 'For tubing used in sets for the transfusion of blood and blood components.' This grade contains raw materials that are certified to contain less than 1ppm of residual vinyl chloride monomer (VCM). It employs a Calcium Zinc (CaZn) based stabilizer.

FE90C01 G009 was intended as an interior grade and is not recommended for applications involving long term exposure to direct sunlight.

FE90C01 is available in a full range of colours including translucent colours .

FE90C01 is RoHS 1 compliant, as it contains no Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr6 +), Polybrominated biphenyls (PBB), Polybrominated diphenyl ether (PBDE).

FE90C01 is manufactured in accordance with Australian Standard AS2070-1999, PLASTICS MATERIALS FOR FOOD CONTACT USE and contains material allowable under US FDA 21CFR parts 177(resin), 178(process aids, impact modifiers & stabilizers) and 175 (pigments).

It contains the following raw materials in order of decreasing concentration:-

a) Polyvinylchloride resin (PVC), cas no. 9002-86-2 b) Dioctylphthalate (DOP), cas no. 117-81-7 c) Epoxidised Soya Bean Oil (ESBO), cas no. 8013-07-8 d) Zinc Stearate (0.12% W/W), cas no. 557-05-1 e) Calcium Stearate (0.06% W/W), cas no. 1592-23-0 f) Oxidised Polyethylene Wax cas no. 68441-17-8 g) Pigment (As Required).

FE90C01 contains NO reworked or recycled material. APN Compounding P/L manufacture PVC Compound using a

SECTION 3 - TYPICAL PROPERTIES

3.1 Typical Properties

	Test Method	Tolerance	Specification
Hardness	ASTM D2240		
	10 Sec delay	+/- 2	78 Shore A
	APN 9W1.2	+/- 2	90 Shore A
Specific Gravity		+/- 0.02	1.24

SECTION 4 - PROCESSING

The recommended processing temperatures are between 140°C to 160°C, depending on the condition of the processing equipment, the size of the profile and the desired surface finish.