

CHEMFIL INDIA

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TECHNICAL DATA SHEET

PVC PLASTISOLS - Mold Release Type Adhesive

Chemfil produces a range of PVC based adhesives which demonstrate high mechanical and dielectric strengths, and high temperature chemical and thermal shock resistance. It is a high strength adhesive providing excellent adhesion base to the Filter paper . It is an effective replacement of the metal end cap used in Filters. It may also be used as a substitute for Polyurethane Adhesives . It is chiefly used in air filter applications.

USAGE

Apply a little silicon spray or mustard oil (mould release agent)on the dye at first The Adhesive is applied evenly on the metal dye on fixed specifications and Filter paper is put on it for polymerisation at 180 degree of hotness for 10 minutes on the hot plate. The surface should be held in position by contact pressure. It does not require any metal base plate. It lacks bonding content and serves as a hard base for the Filter paper. The dye is then cooled and the Filter is ploughed out with Plastisol as its base instead of a metal cap.

	PVC Adhesive Grades	2550/R
	Grade Name	Plastisol
S.N o.	Properties	
	Type	Mold Release type
1	Color (range), before cure	White, Red, Black, Orange, Blue
2	Color, after cure	---do---
3	Viscosity , B - 8 Ford Cup	65 +- 25 seconds
4	Temp. Required in Degree C	200 to 220
5	Mold Release Agent – External	Required
6	Final Polymerisation	After 24 hours
7	Adhesion to metal dye	No Adhesion
8	Density, g/cc	1.50 +- 0.1 g/cc
9	Hot Oil Stability - (SAE-30) tested after 48 hours of curing in degree Celcius	N.A.
10	Shelf Life at 30 degree C	6 months
11	Recommended Usage	5 months
12	Hardness Shore "A"	55 +- 10

