

From **MONSANTO CHEMICAL COMPANY**

c .I. Armstrong/W.F. Waycho.
Roberts-3

At **St. Louis - Roberts Building**

Hot Melt file
Date **September 26, 1955**

To **Mr. J. R. Darby** Reference

At **St. Louis Research** Subject **HOT MELT FORMULATIONS**

Joe, here are the three hot melt formulations which we have on file. The first one is the one we recommended to the National Association of Clay Pipe Manufacturers, which is as follows:

Copolymer resin	100	parts
DIDA	25	"
Santicizer 160	100	"
Aroclor 1248 or 1254	37	"
HB-20	38	"
Paraplex G-62	10	"
Mark XV	4	"

The other two, which we do not feel are useful in clay pipe, have been recommended for coating rayon. They are as follows:

1. Opalon 300	142	parts
ONB	104	"
Santicizer 9	28	"
Aroclor 5460	104	"
Aroclor 1254	76	"
Santicizer 141	19	"
Dioctyl Adipate	28	"
BSWL	7.1	"
2. Opalon 300	10	parts
Santicizer 160	30.6	"
BSWL	0.5	"
Filler	2.0	"

Pete
P. W. Spink

PWS/is

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