

Vel
Refined Content

APPARENT VCM CONTENT OF SELECTED PVC RESINS

<u>Resin Description</u>	<u>Approximate Age</u>	<u>Vinyl Chloride Monomer (ppm by weight)</u>
VYHH - B1 4860	1 year	25
VYHD - B-951	1 year	25
VMCH - B-649	1/2 year	25
VMCC - 202	1/2 year	25
VMCA - B1 1	3 months	25
B1 29	3 months	25
VYLF - B1 A570	1 year	25
VERR - B1 4	2 years	25
B1 15	3-4 months	33
VROH - B1 2	1 year	33
VYHD - 5/18/73-515 produc- tion	Fresh	25
VYHH - 5/18/73-515 Produc- tion	Fresh	33
VMCH - 5/18/73-515 Produc- tion	Fresh	43

< 1.5

15
< 1.5
5

< 1.5

Competitive Resins

FPC-470 - Lot 70498-E		9
FPC-454 - Lot 70419-U	New Sample	216
Geon 222 - Lot 1931	New Sample	470
ACVX - (France)	1 year	25
AXCM-3	6 months	25
Geon 222	1-2 years	50
Geon 427	1-2 years	25
Geon 443	1-2 years	44

UCC
038854

Resins in Solution (no dilution required for analysis)

VYDS - B-532	1/23/73	7
VYDS - B-545	3/12/73	7
VYDS - B-555	4/23/73	2
VYDS - B-535	2/1/73	25
VYDS - 072 - 515 Produc- tion	5/18/73	25
VAGH A 2784		25
VAGH B1 116		25
VAGH Make 2071		60
VYHG " 2575		100
FPC-454		25
F-7307		25
QY5V-1		50
VLFV		38
QY04-2		38

< 1.5

< 1.5

< 1.5

< 1.5

< 1.5

< 1.5

< 1.5

< 1.5

< 1.5

Vinyl Chloride Monomer Study

DISPERSION VINYL

DRY RESINS SUBMITTED FOR ANALYSIS:

- ① QYJV-1 (FRESH FROM DRYER)
- ② QYOH-2
- ③ QYJV-5 (25V)
- ④ Geon 202
- ⑤ QYNA (FRESH)
- ⑥ QYNL (1107) (OLD)

60

38

VCL MONOMER
PPM

2ND

3RD

< 1.5

< 1.5

< 5

< 1.5

< 5

4 PPM

35 PPM

3 PPM

GASKET FILMS SUBMITTED FOR ANALYSIS:

- ① QYJV-1 (FRESH FROM DRYER)
+ 70 PHR DOP & 1 PHR MARK 495
- ② QYOH-2 (DRY RESIN FROM ABOVE)
+ 70 PHR DOP & 1 PHR MARK 495
- ③ QYKV-2 (4766)
+ 70 PHR DOP + 1 PHR MARK 495
- ④ QYNM-2 (252)
+ 70 PHR DOP + 1 PHR MARK 495
- ⑤ QYTV-1 (FRESH) 85 PARTS
QYNL 15
+ 70 PHR DOP + 1 PHR MARK 495

< 5

3

< 5

< 1.5

< 5

< 1.5

< 5

< 1.5

< 5

< 1.5

< 5

< 1.5

- ⑥ QYTV-5 570 PARTS
QYNL 15
Geon 202 15
DOP 70
MARK 495 1

CROWN
SYSTEM

UCC
038855

(OVER)

ALL FILMS PREPARED FROM A PLASTISOL PREPARED
IN A PLANETARY MIXTURE UNDER AMBIANT TEMP. & HUMIDITY,
DEAERATED VIA VACUUM FOR 15 MINUTES. 20 MIL DRAWDOWNS
FUSED 5 MINUTES AT 177°C ON POLISHED ALUMINUM. STRIPPED
FROM ALUMINUM & SEALED IN GLASS VIAL FOR DELIVERY
FOR ANALYSIS.

23-600-17d-2

3 ppm

GLIDDEN-DURKEE

PANEL A

<1.5 ppm

" B

1.5 ppm

" C

<1.5 ppm

" D

<1.5 ppm

" E

2.5 ppm

SOLIDS

QYK (FROM FROM DRIVER TEXAS CITC)

35 ppm

QYJW5 - BOARD 254

<1.5 ppm

VROH-A2 SPECIAL

<1.5 ppm

13-OWS-125

<1.5 ppm

14-OWS-16-7

1.2 ppm

VYAH-#3 DRYING SYSTEM - FRESH-TEXAS (6/2/73)

<1.5 ppm

VYH6-#1 FBD - STRIPPED AT 60°C

<1.5 ppm

VYH6-#1 FBD - SPL #2666

5 ppm

QYK - BL 1107

3 ppm

GEON 202 FS-113-B

4 ppm

LIQUID PASTES

HSU

<1.5 ppm

46716Z

<1.5 ppm

16716Z

<1.5 ppm

467153

<1.5 ppm

403221

3 ppm

WET PLAST.
FROM
HEEL

WCS

FPC-454 LOT 70419U

>216 ppm

FPC-470 LOT 70384E

<1.5 ppm

UCC
038857