



414-39180 CARBON BLACK

PRODUCT 414-39180 IS A CONCENTRATED DISPERSION OF A FURNACE CARBON BLACK PIGMENT IN A BROADLY COMPATIBLE RESIN SOLUTION IN N-BUTYL ACETATE. THESE LACQUERPACK DISPERSIONS HAVE BEEN DESIGNED SPECIFICALLY FOR USE IN THE FULL PIGMENTATION OF THESE PRODUCTS:

VINYL LACQUERS
ACRYLIC LACQUERS
NITROCELLULOSE LACQUERS

AEROSOL COATINGS
SCREEN INKS
UV INKS

UNLIKE "UNIVERSAL" DISPERSIONS WHICH SHOULD BE USED ONLY FOR TINTING PURPOSES, THESE LACQUERPACK DISPERSIONS CAN BE USED AT UP TO 25% OF THE FORMULA WITHOUT COMPROMISE OF FINAL COATING PROPERTIES. COATINGS SO CONSTRUCTED CAN BE TINTED THEREAFTER WITH THE FULL RANGE OF 955 UNIVERSAL DISPERSIONS TO TAKE ADVANTAGE OF THE UNSURPASSED COLORANT DIVERSITY OF THE 955 LINE.

THIS PIGMENT IS A MEDIUM COLOR FURNACE BLACK WHICH HAS BEEN SPECIALLY TREATED TO PERMIT HIGH LOADING WHILE DELIVERING EXCELLENT COMPATIBILITY WITH A BROAD RANGE OF LACQUER VEHICLES. COMBINING HIGH OPACITY WITH HIGH TINT STRENGTH, THIS PRODUCT SERVES AS A GENERAL PURPOSE BLACK SUITABLE FOR BOTH MASSTONE AND TINTING APPLICATIONS.

IN ADDITION TO THE USUAL PRODUCT CONSTANTS AND PERFORMANCE DATA LISTED BELOW, THE VERY FAVORABLE MIR (MAXIMUM INCREMENTAL REACTIVITY) VALUE FOR THIS DISPERSION IS POSTED TO ENABLE THE FORMULATOR TO CALCULATE HIS FINAL MIR IN A STRAIGHTFORWARD MANNER.

LIGHT RESISTANCE:

FULL SHADE EXCELLENT
TINT EXCELLENT

CHEMICAL RESISTANCE:

ACID EXCELLENT
ALKALI EXCELLENT

SOLVENT RESISTANCE:

MINERAL SPIRITS EXCELLENT
TOLUENE EXCELLENT
LACQUER EXCELLENT

HEAT RESISTANCE: >390°F.

PRODUCT CONSTANTS:

WEIGHT/GALLON 9.3LBS
PERCENT NVM 53.7%
PIGMENT BLACK 7 30.0%
V.O.C./GALLON 4.3 LBS
MIR 0.412g O₃/g

DATE: 09 DECEMBER 02