

BLACK



For Inks that Really Perform

Dependable Industry Standard

Reliable, worry free, well balanced, sleek and smooth, these are just a few of the performance attributes used to describe Acryjet® Black 357. Not only does it have great optical density balanced by superior water resistance, but it's reliability is unmatched. It is not uncommon to find a forgotten two year old cartridge containing Acryjet Black 357 that will perform as if brand new. No wonder it has been the ink jet industry's top performer all these years.



Digital Imaging Materials

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ACRYJET® BLACK 357 Pigment Dispersion

SUMMARY

AcryJet® Black-357 is an aqueous pigment dispersion designed for use in ink jet inks. It is well suited for both indoor and outdoor ink applications and has been extensively tested in a variety of thermal and piezo printheads.

FEATURES

- Polymeric dispersant developed specifically for ink jet applications utilizes steric and charge stabilization for outstanding stability (>2 years based on accelerated tests) and uncapped restart performance
- Excellent jetting reliability
- Excellent smear resistance
- Narrow particle size distribution helps to maximize printhead reliability
- Properly formulated inks based on AcryJet Black 357 have high optical densities, excellent print quality and very little fade in outdoor applications (based on accelerated weathering tests)

Composition: carbon black, polymeric dispersant, neutralizing agent, biocide, and water

TYPICAL PROPERTIES

Solids (%)	19 - 21
pH	7.5 - 8.5
Brookfield viscosity (cps) at 20 rpm	6 - 10
Surface tension (dynes/cm)	54 - 60
Particle size (nm) - volume average	90 - 115
Biocide (ppm)	Proxel GXL 250
$\Delta E = 5.5$ after 1000 hours in a Q-U-V Accelerated Weathering Tester	

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