

**SPECIAL BLACK –
GLOSS INK PIGMENT BLACK**



REGAL® 400R



REGAL® 400R pigment black is a low structure pigment black designed to impart high gloss and very good color strength in printing inks and other applications.

Product Form: Powder

Application Information

Lithographic Inks

REGAL 400R pigment black is a high gloss, high strength black for sheet fed and heat set lithographic ink applications. With its oxidized surface, REGAL 400R has very good dispersibility and imparts good flow to lithographic inks.

Liquid Inks

REGAL 400R pigment black is especially stable in nitrocellulose and polyamide liquid inks. It disperses very well with good viscosity and dispersion stability. Its gloss and strength are a good combination for packaging inks on non-porous substrates.

Energy Curing Inks

REGAL 400R pigment black is well suited for energy curing liquid and paste printing inks, requiring high gloss and high color strength. The oxidized surface imparts excellent flow and gloss in paste Energy Cure Inks, while offering excellent dispersion stability.

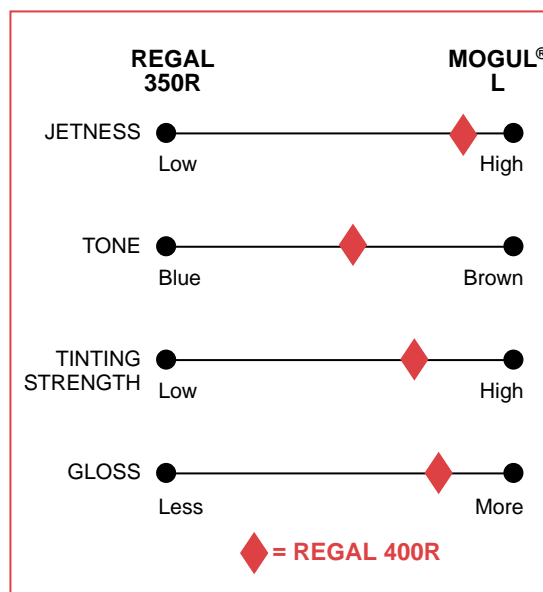
Plastics

REGAL 400R provides good color and value in PVC compounds. It imparts excellent dispersion and color in artificial leather and other textile applications.

The dispersibility of REGAL 400R pigment black depends on the equipment used and the formulation. It is moderately hard to disperse compared to other Gloss Ink Blacks, but is easier to disperse than many of the other pigment blacks used in the higher end liquid inks. With the proper equipment and formulation, an excellent quality ink can be produced with REGAL 400R pigment black.

REGAL 400R is also available in an easier to handle pelleted form as REGAL® 400.

Performance Comparison to Other Gloss Ink Pigment Blacks



Packaging Options

Multi Unit	Intermediate	Bulk
25 lb Paper	Not Available	Not Available
10 kg Paper		

MSDS

Material Safety Data Sheets are available from all Regional Sales Offices. The location of the nearest Sales Office can be found below.

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