

Efka[®] PA 4401

(Old: Efka[®] 4401)



We create chemistry

High molecular weight, polyacrylate dispersing agent for inorganic and organic pigments

Efka[®] PA 4401 is a modified polyacrylate dispersing agent for low to high polar systems, including nitrocellulose. It is used for all kinds of high-quality solvent-based industrial and automotive coatings as well as for the preparation of pigment concentrates. Care should be taken when combined with chlorinated rubber and epoxy systems as it has a tendency to yellow. Examples of Resin Containing Pigment Concentrates (RCPC) for Irgazin[®] Red L 3670 HD, Cromophthal[®] Yellow L 1061 HD, Heliogen[®] 7087 are shown below.

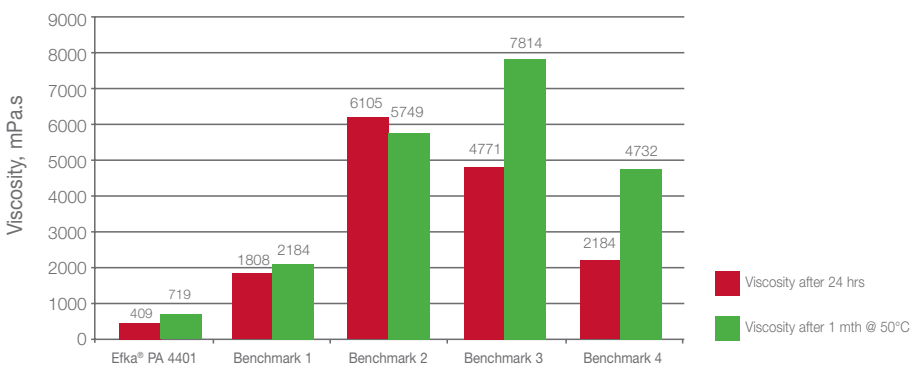
RMPC Guide formulations

	IRGAZIN RED L 3670 HD	Cromophthal Yellow L 1061 HD	Heliogen Blue L 7087
Efka [®] PA 4401	9.00	7.70	6.90
Pigment	41.00	35.00	23.00
Laropal A81 (60% MPA/Xylene 3:1)	30.75	28.60	36.40
1-Methoxy-2-propyl-acetate	15.25	24.70	29.70
Butylglycolacetate	4.00	4.00	4.00
	100.00	100.00	100.00
Dispersant/pigment, %	11.00	11.00	15.00

Storage Stability of RCPC - IRGAZIN Red L 3670 HD

41% pigment

After 24 hrs and 1 month @ 50°C

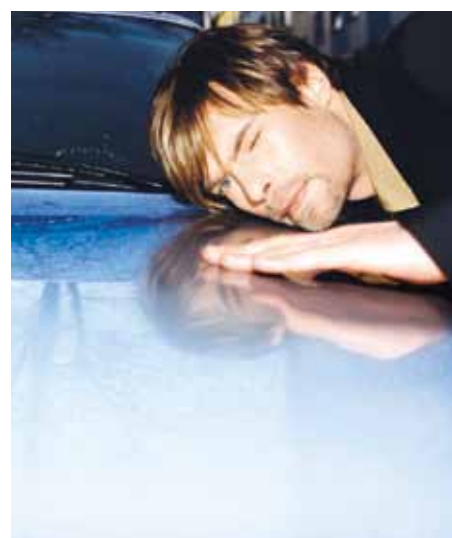


Efka[®] PA 4401: Characteristic Values

Property	Value
Appearance	clear, slightly yellowish liquid
Active ingredients	~ 50%
Amine value	~ 51 mg KOH/g
Solvent	n-butyl acetate/2-butanol
Density at 20°C (68 °F)	~ 0.95 g/cm ³
Flash point	24 °C (75° F)
Color	<= 4

Performance Highlights

- Improved gloss and DOI (Distinct of Image)
- High color strength
- Reduced flooding problems



Contacts worldwide

Asia

BASF East Asia Regional Headquarters Ltd.
45/F., Jardine House
No. 1 Connaught Place
Central
Hong Kong
formulation-additives-asia@basf.com

Europe

BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

North America

BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

South America

Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

www.basf.com/formulation-additives

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

® = registered trademark of the BASF Group