



PHOTOMER[®] 4028

Ethoxylated Bisphenol A Monome

Product Data Sheet

General Information

PHOTOMER[®] 4028 exhibits moderately low viscosity, low odour, excellent cure speed and low irritancy. It contributes towards good adhesion, scuff and abrasion resistance properties in UV and EB curable formulations.

Chemical Data

Chemical Name	: Ethoxylated (4) Bisphenol A diacrylate
Molecular weight	: 513 g/mol
CAS No.	: 64401-02-1

Specification

Appearance	Visual	Clear pale yellow liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	800 – 1200 mPa.s
Colour (APHA)	ISO 6271	≤ 150 APHA
Acid Value	ISO 660	≤ 0.2 mg KOH/g
Moisture content	Karl Fischer, ISO 4317	≤ 0.5 % water
Solvent content	GC Analysis	≤ 2000 ppm
Specific Gravity @ 25°C		1.130 - 1.150 g/cm ³
Refractive index	ISO 489	1.5320 - 1.5420

Application

PHOTOMER[®] 4028 has found extensive application in a variety of curable coatings, especially protective wood topcoat, overprint varnish for graphic arts, litho and screen inks and in other formulations where hardness and gloss are required.

Features and Benefits

PHOTOMER[®] 4028 can be recommended as a co-monomer in litho applications to improve the ink water balance.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight. Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

PHOTOMER® 4028 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

TSCA (USA), EU (Europe), IECSC (China), NDSL (Canada), PICCS (Philippines), AICS (Australia), Nzloc (New Zealand), ECL (Korea), ECN (Taiwan)

Packaging

PHOTOMER® 4028 is available in 200 kg steel drums.

Disclaimer

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