



TECHNICAL DATA SHEET

Name of Product : VIBASOL YELLOW VHS
(SOLVENT YELLOW 163)
Class : Anthraquinone
Hue : Bright Reddish Yellow

Vibfast Solvent Yellow 163 is a bright reddish yellow anthraquinone dyestuff with excellent light fastness and very high thermal stability. It is soluble in most aromatic hydrocarbons, ketones and esters.

Fastness Properties:

Polymer	Concentration	Light Fastness
PS	Transparent 0.01% dye	7
PS	Opaque, 0.01% dye + 1% TiO ₂	7
ABS	Opaque, 0.01% dye + 1% TiO ₂	6
MMA	Transparent 0.01% dye	7
MMA	Opaque, 0.01% dye + 1% TiO ₂	7
PC	Transparent 0.01% dye	7
PC	Opaque, 0.01% dye + 1% TiO ₂	7
Thermal Stability	280-300° C (for 10 Min)	

Applications:	Specifications	Typical Metal contents PPM
Vibfast Solvent Yellow 163 is recommended for the coloration of the following resins: 1. Polystyrene 2. ABS 3. Polycarbonate 4. Acrylic 5. SAN	Molecular Weight: 424	Zn, As, Cu, Se, Mg, Co, Sb: <0.01
	Lambda Max: 436 ± 1nm	Hg, Cd, Cr, Pb: < 1.00
	M.P.: 149-165° C	Fe: <10
	Moisture: 0.2%	
	Xylene insoluble: 0.1% max	
	Volatile: 0.5% max	
	Halides, ionizable: 0.1% max	
	Halides, total: 0.25% max Particle Size: <100 mesh	

Packing: 10,20 & 25Kgs in Bags with 2 Plastic Liners.

Transport Regulations: Non Hazardous

Storage: For 5 Years, if properly stored

Handling: subject to recommended handling.

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