

# TECHNICAL DATA SHEET

## PLASTICS

issued: August 1, 2016



AAKASH CHEMICALS

THE SKY  
IS THE LIMIT

# Akafast Yellow HG

Red shade yellow with high heat stability and excellent light/weather fastness.

(Benzimidazolone)

Pigment **Yellow 180**

CAS No. 77804-81-0

CICN No. 21290

EINECS # 278-770-4

### PHYSICAL PROPERTIES

Density g/cm <sup>3</sup>	1.47
pH	7-8
Oil Absorption %	45-55










### FASTNESS PROPERTIES

Heat Stability Mass °C	275
Heat Stability Tint °C	290
Light Stability Mass	7-8
Light Stability Tint	7-8



### FASTNESS PROPERTIES

Weatherability Mass	7-8
Weatherability Tint	7-8
Migration	None
Warpage	Minimal










### APPLICATION PROFILE

Film	Wire & Cable	Injection Mold	Fiber	Com-pounding	Blow Molding	Roto Molding	Sheet Extrusion	Pipe Extrusion
								

















### LEGEND

-  recommended
-  partially recommended

### REGULATORY

FDA	AP(89) 1	Mercosur 23/04	ASTM 963	EN 71/III	Mercosur 108/2005 & 369/2007	RoHS II	SVHC Compliant	Propo-sition 65
								

### RESIN TYPE

ABS	ASA	CA/CP/ CAB	EVA	IONOMER	PA	PC	PE	PP	PS	PBT	PES
											
PET	POM	PPO	PUR	PVC	PMMA	SAN					
											

### Disclaimer:

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we assume no obligation, express or implied, or liability for the use obligation, express or implied, or liability for the use of or reliance on the information and data provided. The information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.

**AAKASH CHEMICALS**  
AND DYE-STUFFS, INC.

THE SKY  
IS THE LIMIT

info@akashchemicals.com  
www.akashchemicals.com

Ph: 630-469- 3838  
TF: 800-255-4855  
Fax: 630-469- 2255  
561 MITCHELL RD.  
GLENDALE HEIGHTS, IL 60139