

TECHNICAL DATA SHEET

PLASTICS

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AAKASH CHEMICALS

THE SKY
IS THE LIMIT

Akafast Yellow HR

Red shade yellow for low cost plastics applications.

(Diarylide)

Pigment **Yellow 83**

CAS No. 5567-15-7

CICN No. 21108

EINECS # 226-939-8

PHYSICAL PROPERTIES

| | |
|---------------------------|-------|
| Density g/cm ³ | 1.40 |
| pH | 6-8 |
| Oil Absorption % | 35-45 |










FASTNESS PROPERTIES

| | |
|------------------------|-----|
| Heat Stability Mass °C | 205 |
| Heat Stability Tint °C | 205 |
| Light Stability Mass | 7-8 |
| Light Stability Tint | 7-8 |



FASTNESS PROPERTIES

| | |
|---------------------|------|
| Weatherability Mass | 6-7 |
| Weatherability Tint | 6-7 |
| Migration | None |
| Warpage | None |









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.

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