

TECHNICAL DATA SHEET

PLASTICS

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AAKASH CHEMICALS

THE SKY
IS THE LIMIT

Akafast Yellow H3N

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

(Monoazo Yellow, Ca)

Pigment **Yellow 183**

CAS No. 65212-77-3

CICN No. 18792

EINECS # 265-634-4

PHYSICAL PROPERTIES

| | |
|---------------------------|-------|
| Density g/cm ³ | 1.40 |
| pH | 6-8 |
| Oil Absorption % | 50-60 |

FASTNESS PROPERTIES

| | |
|------------------------|-----|
| Heat Stability Mass °C | 300 |
| 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:

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AAKASH CHEMICALS
AND DYE-STUFFS, INC.

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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