

TECHNICAL DATA SHEET

PLASTICS

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AAKASH CHEMICALS

THE SKY
IS THE LIMIT

Akapearl 111

Silver white rutile pearlescent pigment with a average <15 µm particle size.

(Blend)

Pearlescent Pigment CAS No. 12001-26-2 / 13463-67-7 / 18282-10-5 **CICN No. 77891 - TiO2** **EINECS # 310-127-6 / 236-675-7 / 242-159-0**

PHYSICAL PROPERTIES

| | |
|---------------------------|-------|
| Density g/cm ³ | ≈3.00 |
| pH | 7-11 |
| Oil Absorption % | 70-90 |

FASTNESS PROPERTIES

| | |
|------------------------|------|
| Heat Stability Mass °C | 300+ |
| Heat Stability Tint °C | 300+ |
| Light Stability Mass | 7-8 |
| Light Stability Tint | 7-8 |

FASTNESS PROPERTIES

| | |
|---------------------|------|
| Weatherability Mass | 7-8 |
| Weatherability Tint | 7-8 |
| 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 | | | | | |
| ☹ | ☹ | ☹ | ☹ | ☹ | ☹ | ☹ | | | | | |

SPECIAL REMARKS

FDA use 3% Max in plastic!

Disclaimer:

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