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*TECHNICAL DATA SHEET*

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|----------------|---|
| Product name : | <b>Laser Purple</b>   |
| Product code : | <b>KT-97311C</b>  |
| INCI Name :    | Polyethylene Terephthalate- Polyurethane-11 - Aluminum-<br>Manganese violet |
| CAS No. :      | 25038.59.9-68258.82.2-7429.90.5-10101.66.3                                  |
| Date :         | 11.10.2017  |

| CHARACTERISTICS             |              | RANGE         |          |
|-----------------------------|--------------|---------------|----------|
| <b>Physical properties</b>  |              |               |          |
| Characteristics             |              | Laser Purple  |          |
| Average particle size       |              | 3mm           |          |
| <b>Chemical composition</b> |              |               |          |
| Polyethylene Terephthalate  |              | 93.0-97.0%    |          |
| Polyurethane-11             |              | 2-6 %         |          |
| Aluminum                    | (C.I. 77000) | 0.2-0.6 %     |          |
| Manganese violet            | (C.I. 77742) | 0.4-0.8 %     |          |
| <b>Heavy metals</b>         |              |               |          |
| As                          | < 2 ppm      | Hg            | < 1 ppm  |
| Ba                          | < 50 ppm     | Ni            | < 10 ppm |
| Cd                          | < 3 ppm      | Pb            | < 10 ppm |
| Cr                          | < 100 ppm    | Sb            | < 1 ppm  |
| Cu                          | < 50 ppm     | Zn            | < 50 ppm |
| <b>Microbial purity</b>     |              |               |          |
| Total viable Aerobic count  |              | < 100         |          |
| E. Coli                     |              | Absent in 1 g |          |
| Pseudomonas aeruginosa      |              | Absent in 1 g |          |
| Staphylococcus aureus       |              | Absent in 1 g |          |
| Salmonella species          |              | Absent in 1 g |          |
| Candida albicans            |              | Absent in 1 g |          |

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Please Use Product Name and Product Code When Ordering