



To whomsoever it may concern

Technical Data Sheet

PRODUCT NAME : ROYAL GOLD
PRODUCT CODE : 3272/PRL
APPLICATION : FILM/INJECTION MOULDING

PROCESS ANALYSIS :

| SR.NO. | PROPERTIES | METHOD | RESULTS |
|--------|--------------------------|---------------------------------------|-----------------|
| 01 | CARRIER RESIN | -- | PE |
| 02 | PELLET SHAPE | -- | Cylindrical |
| 03 | M.F.I (190° C, 2.16 Kg.) | ASTMD-1238/ IS: 13360 (Pt.4/Sec-1) | 20-25 gm/10mint |
| 04 | SPECIFIC GRAVITY | ASTMD792 IS:13360(Pt.3/Sec-1) | 1.20-1.25 gm/cc |
| 05 | MOISTURE CONTENT | -- | < 0.1% |
| 06 | ANTIOXIDANT CONTENT | -- | 0.1% |
| 07 | PEARL CONTENT | % | 40% |
| 08 | PEARL PARTICLE SIZE | Micron | 10-60µ |
| 09 | DISPERSION | In 30 Micron Film | Excellent |
| 10 | LIGHT FASTNESS | -- | 6-7 |
| 11 | HEAT STABILITY | -- | >240°C |
| 12 | COLOUR MIGRATION | IN OIL 70°C/48 hrs | 5 |
| 13 | TOXICITY | -- | Non Toxic |
| 14 | PELLET SIZE | mm | 2.5 mm |
| 15 | PELLET COUNT | No'S/1gm | 60-70 |
| 16 | BULK DENSITY | GM/CC | 0.75-0.80 |

For Prayag Polytech (P) Ltd.



The above details are given to the best of our knowledge and experience but are only meant as suggestion without obligation.

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