

Technical Data Sheet

| PRODUCT NAME:- MOC ORANGE PO34 | | | | | | |
|--|-----------------------------|--------------------------|-----------|-----------|------------------------|-----------|
| PRODUCT CODE :- 4121 | | | | | | |
| APPLICATION: Film, Molding & Color Compound | | | | | | |
| SL NO. | PROPERTIES | METHOD | RANGE | | RESULT | |
| | | | LOWER | UPPER | | |
| 1 | CARRIER RESIN | -- | -- | -- | PE | |
| 2 | PELLET SHAPE | Cylindrical/Spherical | -- | -- | Cylindrical | |
| 3 | PIGMENT. | CAS NO. | -- | -- | 15793-73-4 | |
| 4 | POLYMER | CAS NO. | -- | -- | 9002-88-4 | |
| 5 | ADDITIVE | CAS NO. | -- | -- | 9002-88-4 | |
| 6 | MFI 190°C/2.16 Kgs. | ASTM D 1238 | 0.5 | 10 | 1.65 gm/10 mint | |
| 7 | SPECIFIC GRAVITY | ASTM D 792 | 1.00 | 1.10 | 1.02 g/cm ³ | |
| 8 | MOISTURE CONTENT 105°C | ASTM D 789 | 0.01 | 0.15 | 0.07% | |
| 9 | ANTIOXIDANT CONTENT | % | -- | -- | 0.1% | |
| 10 | PIGMENT CONTENT | % | -- | -- | 40% | |
| 11 | PELLET SIZE | Vernier Scale (mm) | 2 mm | 3 mm | 2 mm | |
| 12 | PELLET COUNT | No'S/1gm | 90 | 100 | 100 NoS/1gm | |
| 13 | HEAT STABILITY | ISO 105 A02 | 220°C | 220°C | 220°C | |
| 14 | MIGRATION | In Oil 70°C/48 hrs | 1 | 5 | 4 | |
| 15 | FILM MICROSCOPIC EXAMINE | In 30 micron film (Spot) | 1 | 7 | 2 | |
| 16 | TOXICITY | -- | -- | -- | Non-toxic | |
| 17 | BULK DENSITY | ASTM D 1895/GM/CC | 0.60 | 0.70 | 0.65 | |
| 18 | LIGHT FASTNESS | ISO 105 B02 | FULL TONE | TINT TONE | FULL TONE | TINT TONE |
| | | | 6 | 5 | 6 | 5 |
| 19 | WEATHER RESISTANCE | DIN 54001 | FULL TONE | TINT TONE | FULL TONE | TINT TONE |
| | | | -- | -- | -- | -- |

For Prayag polytech (P) ltd.



Prayag Polytech (P) Ltd.
BHWADI
Technical Manager