



TO WHOM SO EVER IT MAY CONCERN

Technical Data Sheet

PRODUCT NAME : PS BROWN K-36
PRODUCT CODE : PS9490
APPLICATION : Injection Molding

PROCESS ANALYSIS:

| SR.NO. | PROPERTIES | METHOD | TYPICAL VALUE |
|---------------|-----------------------|---------------------------------------|----------------------|
| 01 | CARRIER RESIN | -- | Polystyrene |
| 02 | PELLET SHAPE | -- | Cylindrical |
| 03 | M.F.I (200° C, 5 Kg.) | ASTMD-1238/ IS: 13360 (Pt.4/Sec-1) | 10-15 gm/10mint |
| 04 | SPECIFIC GRAVITY | ASTMD792 /IS:13360(Pt.3/Sec-1) | 1.60-1.65 g/cm3 |
| 05 | MOISTURE CONTENT | % | < 0.1% |
| 06 | ANTIOXIDANT CONTENT | % | 0.1% |
| 07 | DISPERSION | -- | Excellent |
| 08 | LIGHT FASTNESS | -- | 7 |
| 09 | HEAT STABILITY | -- | 280°C |
| 10 | MIGRATION | -- | 5 |
| 11 | TOXICITY | -- | Non-Toxic |
| 12 | HEAVY METAL | -- | NO |
| 13 | PELLET SIZE | mm | 2.5-3 mm |
| 14 | PELLET COUNT | No'S/1gm | 70-80 |
| 15 | BULK DENSITY | GM/CC | 0.95-1.05 |

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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