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| **STANDARD OPERATING PROCEDURE**  MEMMERT OVEN |

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| **Author** | | |
| Name | Muhammad Yousaf | **Signature** |
| Designation | Assistant Manager REC |
| Date |  |
| **Review** | | |
| Name | Ghulam Murtaza | **Signature** |
| Designation | R&D Manager |
| Date |  |
| **Approval** | | |
| Name | Ahsan Abid | **Signature** |
| Designation | General Manager Operations |
| Date |  |

## Purpose

This test method is designed to produce the heat stability data for pigments and polymers.

## Scope

This will cover that how stable the pigment is? And the degradation temperature of the polymers. From this data we will sort out our pigments from the less stable to highly stable.

## Responsibilities

Trainee Engineer- REC/ Lab Supervisor

## Procedure

1. First of all switch on the oven.
2. Then set the temperature. i.e. 2200C
3. For testing pigments place the sample on the aluminum plate/ china clay dish in to the oven.
4. Then allow heating the samples for 10min.
5. After that open the door and pick out the sample plate.
6. Turn off the oven and clean it.

## Associated Documents and Records

**AMENDMENT HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **REV. #** | **DCR#** | **SECTION** | **AMENDED TEXT** |
| 1 |  | 3 | Lab Supervisor |
| 1 |  | 4 | china clay dish |
|  |  |  |  |

\* All changes made in the document are notified in the Amendment History Table.