

# TECHNICAL INFORMATION SHEET

DATE: 2024-02-25

|                              |   |
|------------------------------|---|
| <b>Product Description</b>   | Glass Jar and bottle  |
| <b>Product Reference No.</b> | <b>(product code)</b>   |
| <b>Features</b>              | <ul style="list-style-type: none"><li>• non-toxic,</li><li>• Flame Retardant</li><li>• Good Stiffness</li><li>• Good Strength</li><li>• Halogen Free</li><li>• High Impact Resistance</li><li>• It is suitable for cosmetic packaging</li></ul> |
| <b>Uses</b>                  | <ul style="list-style-type: none"><li>• Consumer Applications</li><li>• Electrical/ Electronic applications</li><li>• Cosmetic applications</li><li>• General Purpose</li><li>• Industrial Applications</li></ul>                               |

## COMPOSITION/ INFORMATION ON INGREDIENTS:

| Trade name                         | % in product | Chemical names/INCI name | CAS       | % active in raw material |
|------------------------------------|--------------|--------------------------|-----------|--------------------------|
| SiO <sub>2</sub>                   | 72±4%        |                          | 9003-07-0 | 72%                      |
| Al <sub>2</sub> O <sub>3</sub>     | 2±2%         |                          |           | 2%                       |
| CaO                                | 9±3%         |                          |           | 9%                       |
| MgO                                | 2±2%         |                          |           | 2.5%                     |
| K <sub>2</sub> O+Na <sub>2</sub> O | 14±3%        |                          |           | 14.8%                    |
| Fe <sub>2</sub> O <sub>3</sub>     | 0.3±0.25%    |                          |           | 0.4%                     |

## TECHNICAL PROPERTIES:

| Index  | Value                         |
|--|-------------------------------|
| Appearance   | Amber /Clear                  |
| The relative density (water=1 kg/dm <sup>3</sup> ) | 0.89~0.91 k g/dm <sup>3</sup> |
| Melting point(°C)                                  | 150~170                       |
| Decomposition temperature (°C)                     | 350                           |
| Heat distortion temperature (°C)                   | 100                           |
| Vicat softening temperature                        | 150                           |
| MFR  | 1~40                          |
| Contractibility rate                               | 1.8~2.5%                      |