

**ARVAND PETROCHEMICAL CO.LTD**

## PVC PRODUCTION

| <b>S-PVC GRADE C/6532</b>               |             |                      |                                            |
|-----------------------------------------|-------------|----------------------|--------------------------------------------|
| <b>TYPICAL TEST</b>                     | <b>UNIT</b> | <b>SPECIFICATION</b> | <b>TEST METHOD</b>                         |
| K-VALUE                                 |             | 65 ± 1               | ISO 1628-2<br>/4.4.2.1                     |
| Viscosity Number                        |             | 105                  | ISO 1682-2<br>/4.4.2.1                     |
| Bulk Density                            | Gr/Lit      | 550 ~ 610            | ISO 60<br>/4.4.2.2                         |
| Sieve Analysis > 63 µm                  | %           | 95 ~ 100             | ISO 4610<br>/4.4.2.3A                      |
| Sieve Analysis > 250µm                  | %           | 0 ~ 5                | ISO 4610<br>/4.4.2.3A                      |
| Retained on 0.4 mm Sieve                | %           | <1                   | ISO 4610<br>/4.4.2.3B                      |
| Porosity (Plasticizer absorption)       | %           | 19 ~25               | ISO 4608<br>/4.4.2.4                       |
| Volatile matter                         | Wt%         | < 0.3                | ISO 1269<br>/4.4.2.5                       |
| Flow Ability (S/150 g)<br>(10mm Nozzle) |             | ≤ 25                 | ISO 6186<br>/4.4.2.6                       |
| Residual VCM                            | Ppm         | ≤ 1                  | ISO 6401<br>/5.4.2.9                       |
| Dark Resin Particles                    |             | ≤ 20                 | In Powder                                  |
| Fish Eyes                               |             | ≤ 20                 | Felttest per<br>25cm <sup>2</sup> /4.4.2.8 |
| Sulfate ASH                             | Wt%         | <0.1                 | ISO 3451-<br>1/4.4.2.9                     |