



## PF-1 Lumps

**PF1:** is a highly purity and whiteness Calcium Carbonate ( $\text{CaCO}_3$ ) product which produced from Menia governorate limestone quarries.

### Physical Analysis:

| Test                    | Value                 |
|-------------------------|-----------------------|
| Density                 | 2.72 g/ml             |
| Refractive index        | 1.60                  |
| pH value (ISO 787/9)    | 9.0                   |
| Bulk density            | 1.41g/cm <sup>3</sup> |
| Hardness in Moh's Scale | 3                     |
| Moisture                | 0.18                  |

### Chemical Analysis:

| Test                    | Value % |
|-------------------------|---------|
| $\text{CaCO}_3$         | 99.02   |
| CaO                     | 55.51   |
| MgO                     | 0.16    |
| $\text{Fe}_2\text{O}_3$ | 0.001   |
| $\text{Al}_2\text{O}_3$ | 0.001   |
| $\text{SiO}_2$          | 0.013   |
| L.O.I                   | 44.02   |

### Sieve Analysis:

- **Main** size (3 – 7) cm.
- 3 % more than 7 cm.
- 5 % less than 3 cm.
- More than 90 % between (3 - 7) cm .

*Data in the Technical Data Sheet represents average values which are consistent and trusted but not legally obligated.*

