



Innovators in Mineral Processing Technology

Dynapoz

Description: High Reactivity Metakaolin

Christy Minerals Dynapoz is a mineral admixture for producing high performance concrete. It consists of Class N Calined Clay Natural Pozzolan (ASTM C618). It is designed to produce concrete with superior strength, exceptional sulfide resistance and low permeability. It also is designed to mitigate alkali silica reactivity (ASR). Typical Pozzolan replacement is five to twenty (5 to 20%) percent by weight.

Physical Properties

| | |
|------------------|-----------------------------|
| Specific Gravity | 2.6 g/cc |
| Physical Form | Grey to Buff Colored Powder |

Chemical Analysis

| | |
|--------------------------------|-------|
| SiO ₂ | 53.60 |
| Al ₂ O ₃ | 37.60 |
| Fe ₂ O ₃ | 2.80 |
| TiO ₂ | 1.72 |
| K ₂ O | 1.27 |
| MgO | 0.51 |
| CaO | 0.26 |
| Na ₂ O | 0.11 |
| P ₂ O ₅ | 0.03 |
| SO ₃ | 0.02 |
| SrO | 0.05 |
| LOI | 2.39 |
| Na Equivalent Alkali | 0.94 |

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