

INTERCURE®2-DF4

Tetraphenylphosphonium bromide (TPPB) - dust free (4% Paraffinic White oil)

INTERCURE®2-DF4, produced by IB Chem S.r.l. - INTERBUSINESS Group, is a phosphonium salt containing 4% of Paraffinic White oil. It is used as accelerator for Fluoroelastomers (FKM); adhesion promoter of Fluoroelastomers (FKM) to a variety of other elastomers; curative for Polyacrylate polymers (ACM) for which it increases the compound shelf life, improves compression set, and reduces the mold fouling.

PRODUCT DESCRIPTION

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| Formula | C ₂₄ H ₂₀ BrP |
| CAS No. / EINECS No. | Intercure®2: 2751-90-8/220-393-4 Paraffinic White oil : 8042-47-5/232-4558 |
| Appearance | White to off white powder |
| Purity | 94.5 % min. |
| Paraffinic White oil | 4% max. |
| Density | 1.34 g/ml |
| Melting point | 290°C min. |
| Loss on drying | 0.5% max. |
| Triphenyl phosphine & phosphonium salt | 0.5% max. |
| Ash | 0.5% max. |
| Particle size (%Volume) | 100% lower than 35µ |
| Storage stability, unopened ⁽¹⁾ | 24 months min. |
| Solubility | Soluble in alcohols |

⁽¹⁾ Keep container tightly closed in a cool and dry place (23°C and 50% RH). After 24 months, retest before use.

NOTE: These data are presented to describe INTERCURE®2-DF4 and are not intended to serve as specifications.

SAFETY AND HANDLING

Contact may cause eye, respiratory system and skin irritation. Harmful if swallowed. Do not breathe dust. Gloves, safety goggles, respirator masks and protective clothing should be worn when handling the powder.

Local exhaust is recommended to remove dust. Avoid heat, sparks and open flames. Processing equipment should be well grounded. Avoid release to the environment.

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