

INTERCURE®2

Tetraphenylphosphonium bromide (TPPB)

INTERCURE®2, produced by IB Chem S.r.l. - INTERBUSINESS Group, is a phosphonium salt 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

Formula	C ₂₄ H ₂₀ BrP
CAS No. / EINECS No.	2751-90-8/220-393-4
Appearance	White to off white powder
Purity	98.5 % min.
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 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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