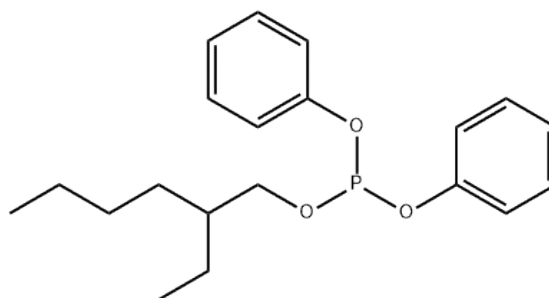


PUREfos EHDP

Alkyl-Aryl Phosphite Stabilizer

Description

PUREfos EHDP is an alkyl-aryl phosphite which can be used processing and color stabilizer in ABS, coatings, polycarbonate, polyurethane and PET fiber. It is also can be used in PVC as a secondary stabilizer to improve color and heat stability.

Chemical Structure**Chemical name**

2-Ethylhexyl diphenyl phosphite

CAS number

15647-08-2

Molecular weight

346.407 g/mol

Applications

PUREfos EHDP offers excellent color improvement and heat stability in PVC and synthetic resin products. In addition, EHDP can increase light stability and antioxidant properties due to its good color inhibition properties.

PUREfos EHDP is very effective liquid phosphite heat stabilizer for polyurethanes, coatings, ABS, and polycarbonates. Typical usage ranges from 0.1 to 3.0% for most of applications. *PUREfos EHDP* can be used in both rigid and flexible PVC applications as a secondary stabilizer to give brighter, more consistent colour and good heat stability of PVC. Use levels in PVC range from 0.25 to 1.00%.

Handling & Safety

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Use only with adequate ventilation. For more detailed information please refer to the material safety data sheet.

Storage

PUREfos EHDP should be stored under inert and closed containers at ambient temperature under dark and cool place.

Packaging

Available in 200 kg drums and 1000 kg IBC.

TECHNICAL DATA SHEET

Polygel Product Management

Email: info@polygelbrunei.com



Typical Properties:

Appearance	Clear and colourless liquid
Colour (APHA)	50 max
Specific gravity @ 25°C / 15°C (g/m ³)	1.0280 – 1.0580
Acid value (mg KOH/g)	0.1 max
Refractive index @ 25°C	1.5176 – 1.5246
Phosphorus content (%)	9.0

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Rev:01 / Aug, 2021