

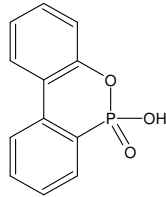
DX11

Preliminary Technical Data Sheet

DX11

10-Hydroxy-9,10-dihydro-9-oxa-10-phosphaphenanthrene-10-oxide

Synonyms: DOPO-OX, DOP-OH



Registration

CAS No. 36240-31-0
EINECS No.

Handling and Safety

Avoid skin and eye contact. Wear protective clothing. Avoid dust formation.
For more information see material safety data sheet.

Packaging

On request

Chemical & Physical Properties

Appearance	white / yellowish powder
Assay (%)	Min. 98
Bulk density (unmilled, g/l)	500 - 700
Decomposition starts at	270 °C
Melting Point (°C)	200 – 205
Water solubility (20 °C)* (g/l)	0
* soluble under alkaline cond.	
Phosphorus content (%)	13.1 -13.7

Description

DX11 is an acidic, halogen-free flame retardant, which takes effect as a gas phase inhibitor.

Applications

DX11 is especially suited for polyesters, epoxy-systems, polyolefines where it is used per se or as intermediate.

It is most effective as flame retardant where a gas / vapour phase radical inhibitor is required.

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