



Gromax Enterprises Corp.

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RICHNOX B225

RICHNOX B-BLENDS FOR PROCESSING AND LONG-TERM STABILIZER SYSTEM

Characterization RICHNOX B225 – a processing and long-term thermal stabilizer system - is a SYNERGISTIC BLEND OF RICHNOX 1010 AND RICHFOS 168.

Composition 48-52% RICHNOX 1010 AND 48-52% RICHFOS 168

Chemical Name

RICHNOX 1010

TETRAKIS-[3-(3,5-DI-TERT-BUTYL-4-HYDROXY-PHENYL)PROPIONATE]

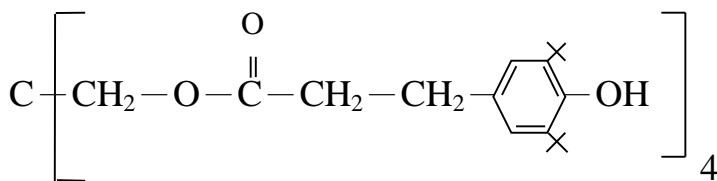
CAS Number 6683-19-8, **MOLECULAR WEIGHT:** 1178 g/mole

RICHFOS 168

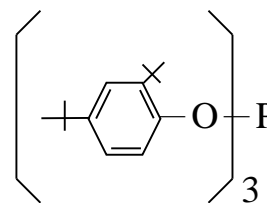
TRIS(2,4-DI-TERT-BUTYLPHENYL)PHOSPHITE

CAS Number 31570-04-4, **MOLECULAR WEIGHT:** 647 g/mole

Structure



RICHNOX 1010



RICHFOS 168

Applications

RICHNOX B225 is mainly used in polyolefins and olefin copolymers, such as polyethylene, polypropylene, polybutene copolymers and ethylene-vinylacetate.

The BLENDS can also be used in other polymers such as: engineering plastics, styrene homo-and copolymers, elastomers, adhesives.

RICHNOX B225 can be used in combination with the RICHVIN and RICHSORB Series products.

Features

RICHNOX B225 provides significant advantages, such as:

- .Maintenance of original melt flow
 - .Low color formation
 - .Improvement of long-thermal stability
 - .Polymer 's stabilization during processing and provides long-term thermal stability
- Additional performance improvements can be achieved in synergistic combinations with other RICH SERIES additives.

Product Forms

WHITE POWDER OR GRANULE, FREE-FLOWING



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SPECIFICATIONS	VOLATILE MATTER	0.3% MAX.
	COLOR OF SOLUTION 425nm	97% MIN.
	TRANSMITTANCE 500nm	98% MIN.
	COLOR (APHA)	50 MAX.
	SOLUTION CLARITY	CLEAR
	HYDROLYSIS TEST	20 HOUR MIN.
	ASH CONTENT	0.1% MAX.

Guidelines for Use In polyolefins and co - polymers, the concentration levels for RICHNOX B225 range typically between 0.1% and 0.30%, depending on substrate and processing conditions. The optimum level is application specific.

Shelf life 1 year. Store in cool, dry place and avoid direct exposure to heat and light.

Handling & Safety RICHNOX B225 requires no special safety measures, provided the usual precautions for handling chemicals are observed. Avoid dust formation and ignition sources.

For more detailed information please refer to the material safety data sheet.
