

Technical Data Sheet

TDS Number: TH02-02-711013-EN

Release: 6.1

Product Name

U-pack B215 Phenolic /Phosphite Blend

A family of binary synergistic blends used to protect polymers during processing and long term aging.

RIANOX 1010	RIANOX 168
HO C	P-O-3
Tetrakismethylene (3, 5-di-tert-butyl-4-hydroxyhydrocinnamate) methane	Tris (2,4-di-tert-butyl phenyl) phosphite
CAS No. : [6683-19-8]	CAS No. : [31570-04-4]
33%	67%

Specifications

Appearance:	White to off-white powder
Clarity of Solution	Clear
Volatiles:	≤0.50%
Transmittance:	
@425nm	≥96.0%
@500nm	≥97.0%
Content of RIANOX 1010:	28.3-38.3%
Content of RIANOX 168:	61.7-71.7%

U-pack B215 is used in polyolefins and olefin-copolymers such as polyethylene, polypropylene, polybutene and ethylene-vinylacetate copolymers. The blend can also be used in other polymers such as engineering plastics, styrene homo- and copolymers, polyurethanes, elastomers, adhesives, and other organic substrates. **U-pack B215** can be used in combination with light stabilizers of the THASORB range.

U-pack B215 is a convenient blend addressing a range of stabilization needs. In the recommended applications **U-pack B215** provides significant benefits, such as maintenance of original melt flow, low color formation, long-term thermal stability.

In polyolefins, the concentration levels for **U-pack B215** range typically between 0.1% and 0.25%, depending on substrate and processing conditions. The optimum level is application specific.

Handling& Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 12 months from the manufacture date. For additional handling and toxicological information, consult the Rianlon Corporation Material Safety Data Sheet.

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