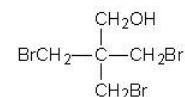




Description

Product Name	: Tribromoneopentyl Alcohol(TBNPA)
Equivalent Name	: Dead Sea FR-513,FR-1360
Cas No.	: 1522-92-5 or 36483-57-5
Molecular Weight	: 324



Application

A reactive flame retardant containing approx. 73% aliphatic bromine. It combines a high bromine content with exceptional stability and is particularly suitable where thermal, hydrolytic and light stability are required. Major uses of it are as a reactive intermediate for high molecular weight flame retardants, particularly in combination with phosphorus, and as a reactive flame retardant for polyurethanes where its high solubility in the system makes it especially useful. It reacts through its single hydroxyl function to form pendant urethane groups. Its high bromine content and good compatibility in CFC-free PU systems enables high standards of fire retardancy to be reached together with good foam properties in both rigid and flexible PU.

Typical Properties

Appearance.....	White Powder.
Assay %.....	97 min.
Melting Point °C.....	64 min.
Acidity (mg KOH/g).....	0.15 max.
Moisture %.....	0.1 max.
Color(Pt-Co) APHA.....	40 max.
TGA	
2% weight loss	126°C
5% weight loss	149°C
10% weight loss	162°C

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: No regulated for transportation.
 Packing: 25kg/bag; 1mt/pallet; 20mt/20'FCL

More information

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