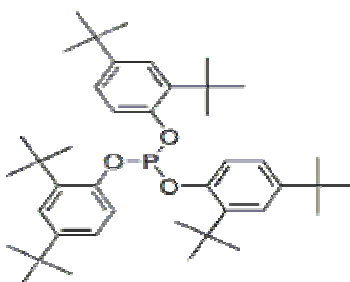


Product Data Sheet

Omnistab AN 168

CAS No : 31570-04-4
Chemical name : Tris(2,4-ditert-butylphenyl) phosphite
Molecular formula : C₇₃H₁₀₈O₁₂
Molecular weight : 646.93
Molecular structure :



Standard specifications

TEST	SPECIFICATION
Appearance	White powder
Content (%)	99.0 min
Volatiles (%)	0.3 max
Melting Point/Range (°C)	183.0-187.0
Transmittance (%) 425 nm	98.0 min
Transmittance (%) 500 nm	98.0 min
ACID Value (mg KOH/g)	0.3 max
Transmittance (% solution in Toluene)	10g/100ml
Clarity of solution	Clear
Hydrolytic resistance (90Dcwater, 14h)	Pass
Free 2,4-Di-tert-butylphenol	0.2 max

EC No : 250-709-6
HS code : 3812309000
REACH No : 05-2115946272-47-0000

Characterization / application

Omnistab AN 168 is a secondary antioxidant with excellent resistance to extraction by water, in addition to having low volatility and high heat stability. It can effectively decompose hydroperoxides produced during the processing of polymeric materials. Omnistab AN 168 is usually compounded with hindered phenolic primary

antioxidants to improve thermo stability of polymers during processing. There are over ten kinds of blends of Omnistab AN 168 with phenolic antioxidants, widely used in polymer materials, such as polyolefins (eg. Polyethylene, polypropylene etc.), polyamide, polycarbonate, ABS and so on. Omnistab AN 168 has proven to have excellent effects with HALS products.