

SANTICIZER® 148 PLUS

Isodecyl diphenyl phosphate (CAS # 29761-21-5)

Fast Fusing, Fire Retardant Plasticizer

Santicizer® 148 Plus is a fast-fusing, non-halogen, fire retardant plasticizer used in multiple polymer systems. Santicizer® 148 Plus has been developed to have extremely low TPP content (< 0.1%) to accommodate requirements of the market. This plasticizer is recommended for applications where there is a need to reduce the risk of fire. Santicizer® 148 Plus helps to suppress smoke during combustion of materials it is used in. In PVC, Santicizer® 148 Plus acts as a high solvating plasticizer, offering permanence, faster fusion and high plasticizing efficiency.

Benefits

- An active fire suppressant replacing other plasticizers which may act as fuels
- Compatibility in many polymer systems offers versatility
- Reduces smoke emissions during combustion
- Fast-fusing plasticizer in PVC systems to boost throughput
- Non-halogenated, non-regulated
- Low volatility

Typical Properties

| Appearance | Clear Liquid |
|-------------------------|--------------|
| Color (APHA) | 100 max |
| Acidity (meq/100g) | 0.2 max |
| Moisture (% by KF) | 0.1 max |
| Specific Gravity (25°C) | 1.050-1.067 |
| Viscosity (cP @ 25°C) | 22.5 |
| Phosphorus Content (%) | 7.83 |
| TPP Level (%) | < 0.1 |

Safety and Handling

Complete toxicity and handling information can be found on the Safety Data Sheet (available upon request).

Customer Service & TDS Requests

For more information about our plasticizers visit our [plasticizer portal](#).

Valtris Overview

Valtris is a global leader in specialty chemical additives and precursors, offering innovative solutions and products to customers around the world. With strong technical expertise and best-in-class formulation capabilities, we develop products that provide essential performance properties to plastics, coatings, adhesives and sealants, pharmaceuticals, flavor and fragrance, and personal care products. For more than 75 years, we have served as a trusted partner for customers by providing exceptional service and high-quality products. www.valtris.com

