

Yiphos[®] 2039

Technical Data Sheet

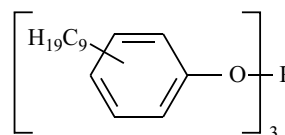
Introduction

Trisnonylphenyl phosphite

$C_{45}H_{69}O_3P$

Formula Weight: 688

CAS: 26523-78-4



Properties

Appearance	Clear yellow viscous Liquid
Phosphorus Content, %	4.1 - 4.5
Refractive Index (25°C)	1.5255 - 1.5280

Solubility(g/100g solvent)@25°C

Water	<0.1	Toluene	>50	Methanol	>20
-------	------	---------	-----	----------	-----

TGA(°C, % mass loss)

Weight Loss, %	5	10	50
Temperature, °C	251	274	331

Applications

Yiphos[®] 2039 liquid phosphite include low color and low nonylphenol content. In most polymers, Yiphos[®] 2039 phosphite is a cost effective, high purity stabilizer that improves color and processing stability during recovery, drying, compounding processing and end use. Synergism is realized when this product is combined with other stabilizers such as hindered phenols. It may be added alone or in combination with the monomers and/or in antioxidant emulsions during recovery and/or during compounding. Yiphos[®] 2039 is a versatile phosphite stabilizer which is useful in a large number of polymers such as HDPE, LLDPE, SBR, ABS, PVC and others.