

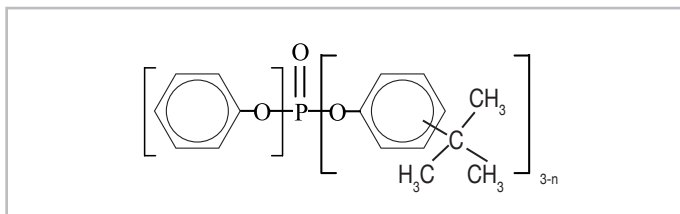
Phosflex® 71B

Phosflex®
Flame Retardant Plasticizers

Chemical Name: Butylated triphenyl phosphate ester

CAS #:

t-butylphenyl diphenyl phosphate	56803-37-3
bis(t-butylphenyl) phenyl phosphate	65652-41-7
Tri (t-butylphenyl) phosphate	78-33-1
Triphenyl phosphate	115-86-6



Overview

Phosflex® 71B is a mixture of butylated (primarily monotbutylphenyl) triphenyl phosphate ester made from readily available synthetic feedstock. It is an effective flame retardant plasticizer with good compatibility in PVC and other plastics such as modified PPO and PC/ABS alloys. When formulated with conventional plasticizers, Phosflex® 71B yields economical systems balanced for flame retardancy and plasticizer efficiency. Its high thermal stability allows its use in engineering resins for flame retardancy and also improved melt flow characteristics

Typical Properties:

Physical appearance	Clear, transparent liquid
Phosphorus content wt. %	8.5
Specific gravity 20°C/20°C	1.182
Density @ 20°C lbs/gal	9.85
Density @ 20°C kg/m ³	1182
Viscosity @ 25°C mPa.s	70
@ 38°C mPa.s	32
Acidity mg KOH/g	0.10
Water content wt. %	0.10
Color APHA	<75

Thermogravimetric Analysis

(10°C/min. in nitrogen):

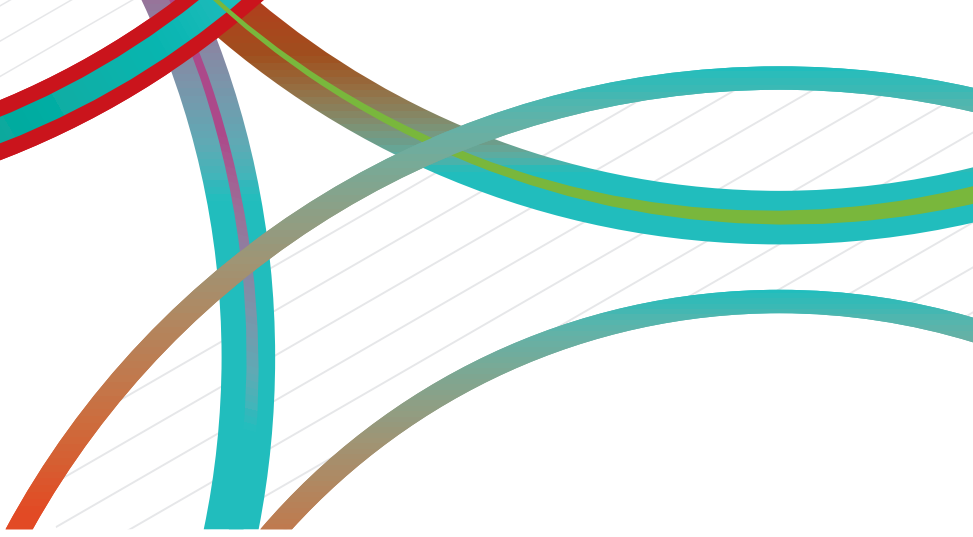
2% wt. loss	213°C
5% wt. loss	234°C
10% wt. loss	251°C

Safety & Handling

Consult the Safety Data Sheet for this product.

Shipping Information

Available in bulk tank trucks, isocontainers, 2,500 lb totes, and 533 lb drums.



Visit our Website: www.icl-group.com

For more information about our products and to place an order, please contact one of our regional sales offices.

Head Office

ICL-IP Ltd.
E-mail: frinfo@icl-ip.com

Europe

ICL-IP Europe B.V.
E-mail: fr.europe@icl-ip.com

North America and Mexico

ICL-IP America Inc.
E-mail: fr.nam@icl-ip.com

South America

ICL-IP Brasil Ltda.
E-mail: fr.sam@icl-ip.com

Asia Pacific China

ICL-IP China
E-mail: fr.china@icl-ip.com

Japan

ICL-IP Japan Ltd.
E-mail: fr.japan@icl-ip.com

Other Asia Pacific

ICL-IP Asia Ltd.
E-mail: fr.asia@icl-ip.com

Other parts of the World

E-mail: frinfo@icl-ip.com

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication. However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions as to the merchantability or fitness of the product for any particular purpose, or that any suggested use will not infringe any patent. Nothing herein shall be construed as granting or extending any license under any patent. Buyer must determine for itself, by preliminary tests or otherwise, the suitability of this product for its purposes, including mixing this product with other products. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

