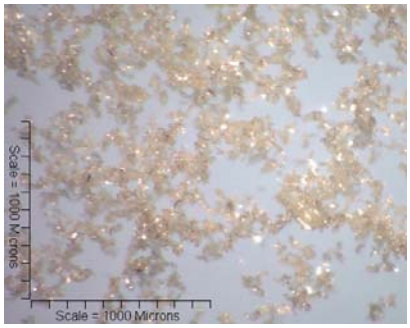
DETOTEC NORTH AMERICA, INC.

TECHNICAL BULLETIN 110

NONA



Nonanitroterphenyl

DESCRIPTIVE INFORMATION:

Appearance	Relatively free flowing pale yellow crystalline powder
Solubility	Slightly soluble in acetone or acetonitrile, soluble in Dimethylsulfoxide
Purity via HPLC[1]	98% minimum
CAS Number	51460-84-5

SPECIFICATIONS:

Decomposition Peak (by DSC)[2]	408°C minimum
Typical Particle Size Results[3]	Mean: 55 microns Mode: 52 microns Median: 48 microns Standard Deviation: 31 microns

STANDARD PACKAGE:

10 9/16" x 10 9/16" x 5 5/16"	4G Fiberboard Box	1.5 lbs Gross	1 Lbs. Net

[1] Based on total chromatogram peak area detected
[2] At a heating rate of 20°C/minute from 50° to 450° C
[3] Obtained on optical particle sizer - area weighted

DISCLAIMERS ATTENTION: The information and recommendations described in this bulletin cannot possibly cover every application of the products or variation of conditions under which the products are used. The recommendations herein are based on the manufacturer's experiences, research, and testing. They are believed to be accurate, but no warranties are made, express or implied.
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