

Technical Data Sheet

Rev. 2 - Data rev. 12/2014

# K.NOX 1790

Antioxidant

<b><u>CHEMICAL NAME</u></b>	1,3,5-Tris(4-tert-butyl-3-hydroxy-2,6-dimethyl-benzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-3-one	
<b><u>CAS NUMBER</u></b>	40601-76-1	
<b><u>EINECS NUMBER</u></b>	254-996-9	
<b><u>MOLECULAR FORMULA</u></b>	C <sub>42</sub> H <sub>57</sub> N <sub>3</sub> O <sub>6</sub>	
<b><u>MOLECULAR WEIGHT</u></b>	699.92 Dalton	
<b><u>PHYSICAL</u></b>	Appearance	White powder
<b><u>PROPERTIES</u></b>	Assay	≥ 98 %
	Melting point	159-162°C
	Ash	≤ 0.1 %
<b><u>PACKAGING</u></b>	25 Kg or 50 Kg per drum, also can be packed according to customer's requirement	
<b><u>STORAGE</u></b>	It should be stored in a cool, dry area and dark save	
<b><u>APPLICATION</u></b>	Highly efficient hindered phenolic antioxidant for organic substrates (to be used in ratio 1:5 instead of traditional phenolic Aox as K.NoX-1010). It's odorless, stable to light and has excellent color retention. It has good compatibility with most substrates, low volatility and high resistance to extraction. Excellent to avoid gas-fading effect.	

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