

Test results - RoHS compounds

Methods

European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Heavy metals and flame retardants test method X-ray fluorescence (XRF) - IEC 62321-3-1: 2013

Phthalates test method IEC 62321-8: 2017.

Testing was performed by an ISO/IEC 17025 accredited external service provider with an accreditation number L14964 (CNAS).

Results

Table 1. Conclusions of RoHS results for sample Nan-O-Sil ASD®.

Substance / parameter	Unit	Result	Compliance ¹
Restricted RoHS Substances	mg/kg or %	all results below limit of reporting	compliant

¹RoHS Directive 2011/65/EU and its amendment Directive(EU) 2015/863

Table 1.1. RoHS restricted substances results.

Parameter	Unit	Result	Maximum allowable limit
		Nan-O-Sil ASD®	
Lead (Pb)	mg/kg	ND	1000
Cadmium (Cd)	mg/kg	ND	100
Mercury (Hg)	mg/kg	ND	1000
Chromium VI (Cr VI)	mg/kg	ND	1000
Polybrominated Biphenyls (PBBs)	mg/kg	ND	1000
Polybrominated diphenyl ethers (PBDEs)	mg/kg	ND	1000
Phthalates			
Dibutyl phthalate (DBP)	%	ND	0.1
Butyl benzyl phthalate (BBP)	%	ND	0.1
Di-2-ethylhexyl phthalate (DEHP)	%	ND	0.1
Diisobutyl phthalate (DIBP)	%	ND	0.1

ND = Not Detected

End of the test report