



## We Offer Polymer Standards for RoHS/WEEE Compliance Testing for EDXRF, WDXRF and Handheld Instruments.

The RoHS Directive stands for the “restriction of use of certain hazardous substances in electrical and electronic equipment.” This directive bans placing on the EU market of new electrical and electronic equipment more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) Flame retardants. The U.S. and Europe are looking into ways in which to monitor and prohibit certain levels of hazardous substances.

RoHS compliance testing requires the sample to be prepared in such a way that it fits the spectrometer and spectrometer

system must be calibrated to comply with the screening requirements.

We also offer polymer standards for the analysis of additives in polyethylene.

We have the flexibility to customize the standards to include different elements and concentrations for both type of polymers.

The standards are provided in powder form or as discs.

Standards are prepared gravimetrically and assayed by WDXRF and validated with European reference material when available.

Product Code				Price Per Set	
PL(PE)9-5E(D)				31mm disc	\$1,850
				40mm disc	\$2,310
PL(PE)9-5E(P)				25 grams	\$1,850
				50 grams	\$2,890
Standard Number	Br Wt%	Cd Wt%	Cr Wt%	Hg Wt%	Pb Wt%
1	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0025	0.0025	0.0050	0.0100	0.1000
3	0.0400	0.0100	0.0750	0.0075	0.0250
4	0.0100	0.0125	0.1250	0.0500	0.0050
5	0.0250	0.0075	0.1000	0.0250	0.1250
6	0.0500	0.0010	0.0650	0.0800	0.0750
7	0.0200	0.0005	0.0250	0.1000	0.0100
8	0.0300	0.0050	0.0500	0.0030	0.0500
9	0.0050	0.0150	0.0100	0.1200	0.0350

## Additional QC Samples – Polyethylene (PE)

Product Code				Price Per Set	
Additional QC Samples for PE Analysis PL(PE)9-5E(D)QC				31mm disc	\$435
				40mm disc	\$840
Additional QC Samples for PE Analysis PL(PE)9-5E(P)QC				25 grams	\$435
				50 grams	\$840
				100 grams	\$1260
QC Sample	Br Wt%	Cd Wt%	Cr Wt%	Hg Wt%	Pb Wt%
1	0.0250	0.0050	0.0500	0.0500	0.0500

## Additive Package

Product Code							Price Per Set				
PL(PE)5-10E(D)							31mm disc	\$3,675			
							40mm disc	\$4,595			
Standard Number	Al mg/kg	Ca mg/kg	F mg/kg	Mg mg/kg	Na mg/kg	P mg/kg	S mg/kg	Si mg/kg	Ti mg/kg	Zn mg/kg	
1	0	0	0	0	0	0	0	0	0	0	
2	25	100	250	25	50	100	50	750	20	10	
3	200	50	75	250	10	25	25	25	100	200	
4	400	20	150	550	100	5	5	125	5	50	
5	75	200	25	100	200	50	200	300	50	100	

Polyethylene (PE) standards in disc(D) or powder(P) form.

All prices are subject to change without notice. Please contact ASI Standards for an up to date quote.