

## 202.2 - Elements in Polymers

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Description >> Unit Size >>	<a href="#">2855</a> Additive Elements in Polyethylene 3 Levels, 80 g each	<a href="#">2859</a> Restricted Elements in Polyvinyl Chloride 25 g	<a href="#">2861</a> Restricted Elements in Polyvinyl Chloride 25 g
Concentrations are expressed as mass fraction, in percent (%), unless otherwise noted.			
<b>Antimony</b>		(<0.001)	0.00678
<b>Arsenic</b>		(<0.001)	0.00239
<b>Barium</b>		(<0.001)	0.0740
<b>Bromine</b>	Level I: (<2 mg/kg) Level II: (<2 mg/kg) Level III: (<2 mg/kg)	<i>0.0854</i>	(<0.001)
<b>Cadmium</b>	Level I: (<3 mg/kg) Level II: (<3 mg/kg) Level III: (<3 mg/kg)	0.00734	0.00651
<b>Calcium</b>	Level I: (<1 mg/kg) Level II: 37.6 mg/kg Level III: 77.2 mg/kg	3.603	3.33
<b>Chlorine</b>		(33)	(35)
<b>Chromium</b>	Level I: (<1 mg/kg) Level II: 2.4 mg/kg Level III: 2.4 mg/kg	0.0716	0.00504
<b>Copper</b>		(0.0054)	(<0.0003)
<b>Hexavalent Chromium (Cr<sup>+6</sup>)</b>		<i>0.0480</i>	Not Detected
<b>Iron</b>		0.00635	0.0058
<b>Lead</b>	Level I: (<2 mg/kg) Level II: (<2 mg/kg) Level III: (<2 mg/kg)	0.07982	0.00883
<b>Mercury</b>	Level I: (<3 mg/kg) Level II: (<3 mg/kg) Level III: (<3 mg/kg)	0.07695	0.00556
<b>Phosphorus</b>	Level I: (1 mg/kg) Level II: 22.0 mg/kg Level III: 41.6 mg/kg		
<b>Selenium</b>		(<0.001)	0.02441
<b>Silicon</b>	Level I: (<6 mg/kg) Level II: <i>186.7</i> mg/kg Level III: <i>183.1</i> mg/kg		
<b>Sodium</b>	Level I: (<4 mg/kg) Level II: 16.0 mg/kg Level III: 16.4 mg/kg	(0.037)	(0.006)
<b>Sulfur</b>	Level I: (<2 mg/kg) Level II: 21.0 mg/kg Level III: 41.2 mg/kg	0.1087	0.1006
<b>Tin</b>		0.1362	0.1294
<b>Titanium</b>	Level I: (<1 mg/kg) Level II: 10.4 mg/kg Level III: 10.4 mg/kg		
<b>Zinc</b>	Level I: (<0.5 mg/kg) Level II: 415 mg/kg Level III: 807 mg/kg		

- Certified values are normal font

- Non-certified or reference values are italicized

- Non-certified values in parentheses are for information only