



## Ultra Light Filler Beads

### Spex•Lite® Ultra Light Filler Bead Summary

Product	Average Bulk Density	Typical Bead Size	Nominal Specific Gravity
<b>Expanded Polystyrene / PVDC Products: Softening Temp ~ 93°C / 200°F</b>			
Spex•Lite® MB 4155 <sup>1</sup>	~ 4.0 pcf	45-65 microns	0.064
Spex•Lite® 6503*	~ 0.75 pcf	3.2 mm	0.012
Spex•Lite® 6724*	~ 1.2 pcf	1.7 mm	0.019
Spex•Lite® 6807	~ 2.2 pcf	0.8 mm	0.035
<b>Expanded Polyolefin Products: Softening Temp ~ 148°C / 300°F</b>			
Spex•Lite® 5125	~ 10.0 pcf	2.5 mm	0.160
Spex•Lite® 5510	~0.9 pcf	4.0 mm	0.014
Spex•Lite® 5522*	~ 2.2 pcf	2.3 mm	0.035
Spex•Lite® 5524	~ 1.0 pcf	3.5 mm	0.016
Spex•Lite® Regrind	~ 2.5 pcf	3.0 mm	0.040
<b>100% Recycled Amorphous Mineral Products: Softening Temp ~ 700°C / 1,300°F</b>			
Spex•Lite® ELA 1512	~ 15.0 pcf	1 -2 mm	0.240
Spex•Lite® ELA 2125	~ 21.0 pcf	0.25 - 0.5 mm	0.336
Spex•Lite® ELA 3104	~ 31.0 pcf	0.04 – 0.3 mm	0.465
Spex•Lite® ELA 3304	~ 33.0 pcf	0.04 – 0.125 mm	0.529

- Average bulk density and typical bead size may vary; values provided indicate normal averages.
- Softening temperature is an approximation and may vary depending on specific conditions.
- PCF refers to pounds per cubic foot.
- <sup>1</sup>: MB 4155 has a softening temp of ~ 120°C / 250°F and is an expanded PVDC.
- \* Indicates the base polymer has been modified with Fire Retardant (FR) additives.
- The above information is from sources considered reliable. No warranty is expressed or implied and suitability for use in a particular application is the sole responsibility of the user.



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## Expanded Polystyrene / PVDC Products



### Spex•Lite® MB 4155

- Typical Bead Size: ~45 - 65 microns
- Avg Bulk Density: ~4 pcf
- Softening Temp: ~ 120°C/250°F
- Expanded PVDC



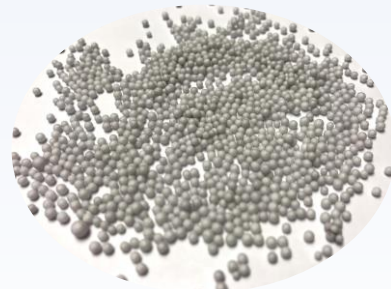
### Spex•Lite® 6503\*

- Typical Bead Size: ~3.2 mm
- Avg Bulk Density: ~0.75 pcf
- Softening Temp: ~ 93°C/200°F
- FR Modified



### Spex•Lite® 6724\*

- Typical Bead Size: ~1.7 mm
- Avg Bulk Density: ~1.2 pcf
- Softening Temp: ~ 93°C/200°F
- FR Modified



### Spex•Lite® 6807

- Typical Bead Size: ~0.8 mm
- Avg Bulk Density: ~2.2 pcf
- Softening Temp: ~ 93°C/200°F

- Average bulk density and typical bead size may vary; values provided indicate normal averages.
- PCF refers to pounds per cubic foot.
- Softening temperature is an approximation and may vary depending on specific conditions.
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## Expanded Polyolefin Products



### Spex•Lite® 5125

- Typical Bead Size: ~2.5 mm
- Avg Bulk Density: ~10 pcf



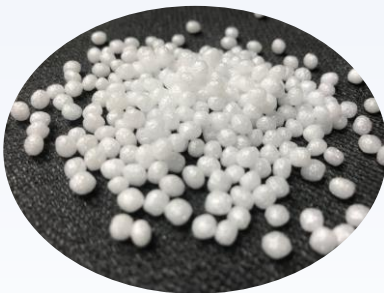
### Spex•Lite® 5510

- Typical Bead Size: ~4.0 mm
- Avg Bulk Density: ~0.9 pcf



### Spex•Lite® 5522\*

- Typical Bead Size: ~2.3 mm
- Avg Bulk Density: ~2.2 pcf
- FR Modified



### Spex•Lite® 5524

- Typical Bead Size: ~3.5 mm
- Avg Bulk Density: ~1.0 pcf



### Spex•Lite® Re grind

- Approx. Particle Size: ~3.0 mm
- Avg Bulk Density: ~2.5 pcf
- 100% Post Industrial Content

- Polyolefin is characterized by a broad range of chemical resistance features.
- Average bulk density and typical bead size may vary; values provided indicate normal averages.
- PCF refers to pounds per cubic foot.
- Softening temperature, ~ 148°C/300°F, is an approximation and may vary depending on specific conditions.
- \* Indicates the base polymer has been modified with Fire Retardant (FR) additives.
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## 100% Recycled Amorphous Mineral Products



**Spex•Lite® ELA 1512**

- Typical Bead Size: ~1 – 2 mm
- Avg Bulk Density: ~15 pcf



**Spex•Lite® ELA 2125**

- Typical Bead Size: ~0.25 – 0.5 mm
- Avg Bulk Density: ~21 pcf



**Spex•Lite® ELA 3104**

- Typical Bead Size: ~0.04 – 0.30 mm
- Avg Bulk Density: ~31 pcf



**Spex•Lite® ELA 3304**

- Typical Bead Size: ~0.04 – 0.125 mm
- Avg Bulk Density: ~33 pcf

- Material is comprised of 100% Post Consumer recycled content.
- Product is non flammable under normal conditions and has broad chemical compatibility.
- Average bulk density and typical bead size may vary; values provided indicate normal averages.
- PCF refers to pounds per cubic foot.
- Softening temperature, ~ 700°C / 1,300°F, is an approximation and may vary depending on specific conditions.
- The above information is from sources considered reliable. No warranty is expressed or implied and suitability for use in a particular application is the sole responsibility of the user.