

<b>PPL-108</b>	<b>Technical Datasheet</b>
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Chemical Name	PYROPHYLITE
Grade Name	PPL-108
CAS No.	12269-78-2
HS Code	25062090
EINECS No.	602-803-7
Molecular Formula	AlH5O3Si
Synonyms	<ul style="list-style-type: none"> <li>• PYRAX(R) B</li> <li>• POTASSIUM ALUMINOSILICATE</li> </ul>

TEST	SPECIFICATION	METHOD
% SiO <sub>2</sub>	53-57	XRF / AAS / ICP
% Al <sub>2</sub> O <sub>3</sub>	30-34	XRF / AAS / ICP
% Fe <sub>2</sub> O <sub>3</sub>	0.8-0.12	XRF / AAS / ICP
% Potassium	0.15-0.25	AAS
% Calcium	0.15-0.25	AAS
% Magnesium	0.40-0.60	AAS
% Titanium	0.8-0.12	AAS
Loss On Ignition %	5.5-6.5	Thermogravimetry
Whiteness	89-91	Whiteness Meter
Density ( gm/ cm <sup>3</sup> )	0.38-0.42	Pycnometer
pH (10% solution)	6.5-7.5	pH meter
Specific Gravity	2.75	Pycnometer
Moisture %	Max 0.5	Oven drying at 105 Deg (3-12) hours.

<p><b>Product Information:</b></p> <ul style="list-style-type: none"> <li>• PPL-108 is used as inexpensive filler in paints, coatings.</li> </ul>
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<p><b>Product Handling &amp; safety:</b> Please refer to our product MSDS for specific instructions on handling this product.</p>
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<p><b>Product Registration:</b>Pyrophyllite is approved for use in food contact polymer as per the following chapter headings.</p> <p>Title: 21 - Food And Drugs  Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)  Subchapter: E - Animal, Drugs, Feeds, And Related Products  Part: 573 - Food Additives permitted in feed and drinking water of animals  Subpart: B - Food Additive Listing  Section: 573.900 Pyrophyllite.</p>
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**Product Disclaimer**

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.