



NOCIL LIMITED

PILGARD® PVI
PRE VULCANIZATION INHIBITOR

Chemical Name	N-(cyclohexylthio) phthalimide. (CTP)
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Chemical Structure	
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CAS Reg. No.	17796-82-6
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Mol. Wt.	261
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Product Specification		
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<i>Parameter</i>	<i>Limits</i>	<i>Test Method</i>
Product form	Powder OS (Crystalline)	-
Colour	Off White to Light Tan	-
Assay (GC), % (min)	95.0	NOCIL 04-3-08
Melting Point (Initial), °C (min)	87.0	D 1519
Melting Point (Final), °C (min)	89.0	D 1519
Heat Loss, % (max)	0.30	D 4571
Ash, % (max)	0.30	0 4574
Toluene Insoluble, % (max)	0.30	NOCIL 04-3-04
Residue on 10 mesh sieve, % (max)	Nil	D 4570
Residue on 20 mesh sieve, % (max)	3.0	D 4570
Dedusting Agent, %	0.5 -1 .5	NOCIL 04-3-08

Typical Data		
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Specific gravity at 25°C	1.33	D 1817
Bulk density, kg/m ³	570-610	NOCIL G-44
Bulk density (Comp), kg/m ³	690-730	NOCIL G-44

Product Information	
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Solubility	Soluble in acetone and alcohol. Insoluble in water.
Classification	Pre Vulcanization Inhibitor.
Discoloration & Staining	Non-staining and Non-discoloring.
FDA Approval Status	Regulated for use in articles in contact with food under BgW XXI, Category 4. Not regulated for use in FDA food contact applications.
Toxicity Data (Please refer to the latest Toxicological information.)	Slightly toxic. (Oral LD ₅₀ rat: over 2600 mg/kg). May cause slight skin or eye irritation and allergic skin reaction. Inhalation of odor may cause nausea.
Handling & Personal Protection	Avoid contact with eyes, skin and clothing. Avoid breathing vapor or dust and ensure good ventilation. In case of eye / skin contacts wash with clean water for 10 to 15 minutes. If odor is inhaled excessively, remove the person to fresh air and remove contaminated clothing.
Storage	Always store in a cool (below 35°C) & dry place in single stack pallets away from direct sun light or any other heat source to avoid grit formation.

Packaging	
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Paper Bag	20 kg
FIBC	500 kg
Storage Life	12 months when stored as stated above.
Colour code	None