

# Firemaster® PBS-64HW

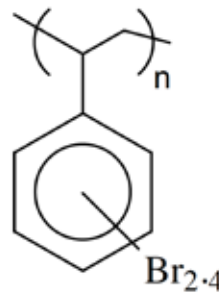
## Halogenated Flame Retardant

**Firemaster® PBS-64HW** is a polymeric flame retardant for polyamides and thermoplastic polyesters (PBT and PET).

**Firemaster® PBS-64HW** is a homopolymer of dibromostyrene.

Polydibromostyrene

CAS Reg. Number [88497-56-7]



Typical Properties of Firemaster® PBS-64HW

Typical Properties of Firemaster® PBS-64HW				
Appearance	Amber pellets			
Average Molecular Weight	~ 60,000			
Bromine Content, %	64.0			
Glass Transition Temperature, 0C	156			
Specific Gravity @ 25 0C, g/ml	2.0			
Bulk Packed Density @ 25 0C, g/ml	1.25			
Thermogravimetric Analysis (10 mg @ 10 °C/minute under N <sub>2</sub> )				
Weight Loss, %	5	10	50	
Temperature, °C	356	371	401	
Solubility (g/ 100 g Solvent)				
Water	< 0.1	Toluene	Complete	
Methylene Chloride	Complete	Methyl Ethyl Ketone	Partial	
Methanol	< 0.1			

The key performance features of **Firemaster® PBS-64HW** include:

- Pellet form for ease of handling
- Excellent thermal/color stability
- Non-blooming
- Melt blendable for ease of processing
- Superior flow in glass filled V-0 polyamide formulations

**STORAGE AND HANDLING PRECAUTIONS**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 6 to 12 months from the date of receipt.

**For additional handling and toxicological information, consult the Material Safety Data Sheet.**



A company of the  
**LANXESS**  
Group

The information contained herein relates to a specific Chemtura product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCTS CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

The Chemtura logo is a trademark of Chemtura Corporation or one of its subsidiaries.

Copyright © 2016 Chemtura Corporation. All rights reserved.

**North America**

+1.800.325.6252  
customer.care@chemtura.com

**Europe, Middle East & Africa**

+44.161.875.3800  
emea.export@chemtura.com

**South & Central America**

+55.19.3522.5000  
Atendimento.cliente@chemtura.com

**Asia Pacific**

+86.21.3866.6509  
orders.apac@chemtura.com

