

Oceanchem Group 1,2,5,6,9,10-Hexabromocyclododecane (HBCD)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: C₁₂H₁₈Br₆**Cas No.:** 3194-55-6**Characteristics:** The product is white crystalline powder, melting point greater than 180°C, bromine content greater than or equal to 73%. This product is soluble in alcohols, ketones and esters, such as organic solvents such as methanol, ethanol, amyl acetate, acetone and so on. This product should be stored in a cool, dry, ventilated warehouse, in the store and transportation process should be handled with care to prevent impact damage.**Use:** It is used as flammable inhibitor for EPS, polypropylene fibre and styrene resin, it is also used as an adding agent of flammable inhibitor for polyethylene, poly carbonate, unsaturated polyester. It can be used in fire-proof treatment of fabric, butadiene styrene rubber, binder, coating and unsaturated polyester.**Information Provided by** Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-1256910-Hexabromocyclododecane-HBCD.php

Physical Properties	Metric	English	Comments
Volatiles	0.50 %	0.50 %	
	@Temperature 110 °C, Time 7200 sec	@Temperature 230 °F, Time 2.00 hour	
Molecular Weight	641.7 g/mol	641.7 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	178 - 185 °C	352 - 365 °F	Ordinary type
	185 - 195 °C	365 - 383 °F	High melting point

Descriptive Properties	Value	Comments
Bromine, Br (%)	74-75	
CAS Number	3194-55-6	
Hue APHA	<30	
Molecular Formula	C ₁₂ H ₁₈ Br ₆	

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