

Oceanchem Group Decabromodiphenyl Oxide (DECA/DBDPO)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: C₁₂Br₁₀Cas No.: 1163-19-5Characteristics: White powder, no poison, no smell and noncorrosion. Indissolvable in water, ethyl alcohol, acetone, benzene, arene chloride.Use: It is a kind of broad-spectrum, high efficiency fire retardant with the features of low additive quantity. It is widely used in rubber, textile, electronic, plastic industry etc. Especially used in polyethylene polypropylene, ABS resin, PBT resin and rubber fiber etc.Storage and Transportation: Handle with care, keep air-tight and dry.Information Provided by Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Decabromodiphenyl-Oxide-DECADBPO.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.10 %	<= 0.10 %	
Particle Size	<= 3.0 µm	<= 3.0 µm	Best Grade
	<= 5.0 µm	<= 5.0 µm	Grade I
Molecular Weight	959.17 g/mol	959.17 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	300 - 310 °C	572 - 590 °F	

Descriptive Properties	Value	Comments
Bromine, Br (%)	82-83	
CAS Number	1163-19-5	
Free Br (ppm)	<10	
Molecular Formula	C ₁₂ Br ₁₀ O	
Whiteness	>92	Grade I
	>94	Best Grade

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