

Oceanchem Group Brominated Epoxy Oligomers-2 (BEP-2)

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoset , Epoxy

Material Notes:

Molecular Formula: $(C_{36}H_{32}Br_8O_6)_n$ Cas No.: 68928-70-1 Application: BEP-2 is a high molecular weight brominated epoxy polymeric flame retardant designed for a broad range of thermoplastic applications. BEP-2 is recommended for thermoplastic polyesters (PBT, PET), thermoplastic polyurethanes (TPU), alloys (PC/ABS), styrenics (ABS, HIPS) and others. The specially selected molecular weight and the chemical structure of BEP-2 offers high thermal stability and thermal ageing, excellent processability, non-blooming, and good UV stability. BEP-2 offers a similar combination of properties to that of BEP-2 for those applications where higher melt flow (MFI) values are required. Information Provided by Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Brominated-Epoxy-Oligomers-2-BEP-2.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	

Thermal Properties	Metric	English	Comments
Softening Point	135 - 145 °C	275 - 293 °F	

Descriptive Properties	Value	Comments
Appearance	Light Yellow Powder	
Bromine, Br (%)	>52	
CAS Number	68928-70-1	
Molecular Formula	$(C_{36}H_{32}Br_8O_6)_n$	
Weight Loss (%)	1	332°C
	10	353°C
	5	339°C

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