



TO WHOMSOEVER IT MAY CONCERN

Technical Data Sheet

PRODUCT NAME : FLAME RETARDENT MB
PRODUCT CODE, : PE0013
APPLICATION : INJECTION MOULDING
PROCESS ANALYSIS :

SR.NO.	PROPERTIES	METHOD	UNIT	RESULTS	
01	CARRIER RESIN	--	--	PE	
02	GRANULES COLOR	VISUAL	--	WHITE	
03	PELLET SHAPE	--	--	Cylindrical	
04	M.F.I (190 ⁰ C, 2.16 Kg.)	ASTMD-1238/ IS: 13360 (Pt.4/Sec-1)	Gm/10mint	1-5 gm/10Mint	
05	SPECIFIC GRAVITY	ASTMD792/ IS13360 (Pt.3/Sec-1)	g/cm3	1.95-2.00 g/cm3	
06	MOISTURE CONTENT	--	%	< 0.1%	
07	ANTIOXIDANT CONTENT	--	%	0.2%	
08	ASH CONTENT	--	%	NIL	
09	DISPERSION	VISUAL	--	Excellent	
10	ODOUR	--	--	Odourless	
11	SPECIMEN THICKNESS	--	mm	3-4 mm	
12	RECOMMENDED LDR	%	20%	16%	10%
13	FLEMABILITY UL-94	VB Rating	V0	V1	V2
14	PELLET SIZE	mm	2.5 mm		
15	BULK DENSITY	ASTM D 1895 B	GM/CC	1.00	

Note:- The above recommendations are based on results obtained by various technical studies. It is given as a suggestive guide for the addition level of the master batch. The actual dose level should be decided as per the geographic area, thickness, application etc. The masters batch it self can be used in the recommended dosage level for V0- 20%, V1- 16% and V2 -10-12 % to achieve.

For Prayag Polytech P Ltd.

Technical Manager

The above details are given to the best of our knowledge and experience but are only meant as suggestion without obligation.

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