



Technical Data Sheet

PRODUCT NAME:- MOC ALUMINIUM 1380

PRODUCT CODE: 8123

APPLICATION: FILM, MONOFILAMENT MOLDING, & COLOR COMPOUND

SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	PE	
2	PELLET SHAPE	CYLINDRICAL/SPHERICAL	--	--	CYLINDRICAL	
3	PIGMENT	CAS NO.	--	--	7429-90-5	
4	POLYMER	CAS NO.	--	--	9002-88-4	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	30	40	32.7 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.10	1.20	1.18 g/cm ³	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.05%	
9	ANTIOXIDANT CONTENT	%	--	--	0.1%	
10	PIGMENT CONTENT	%	--	--	40 %	
11	PELLET SIZE	VERNIER SCALE (mm)	2 mm	3 mm	2.5 mm	
12	PELLET COUNT	No'S/1gm	80	100	90 NoS/1 gm	
13	HEAT STABILITY	ISO105A02	260°C	270°C	270°C	
14	MIGRATION	In Oil 70°C/48 hrs	1	5	5	
15	FILM MICROSCOPIC EXAMINE	In 30 micron film (Spot)	1	7	2	
16	TOXICITY	FDA	--	--	21 CFR 178.3297	
17	BULK DENSITY	ASTM S 1895/GM/CC	0.65	0.75	0.68	
18	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			6	5	6	5
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			5	5	5	5

For Prayag polytech (P) ltd.

Technical Manager