



Technical Data Sheet

Product Name:- MOC GREEN PG7 (with filler)						
Product Code.: 6421						
Application: Film, Injection 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.	--	--	1328-53-6	
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	34.6 gm/10 mint	
7	SPECIFIC GRAVITY	ASTM D 792	1.30	1.40	1.36 g/cm ³	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.06%	
9	ANTIOXIDANT CONTENT	%	--	--	0.1%	
10	PIGMENT CONTENT	%	--	--	30%	
11	FILLER CONTENT	%	--	--	YES	
12	PELLET SIZE	Vernier Scale (mm)	2 mm	3 mm	2 mm	
13	PELLET COUNT	No'S/1gm	60	70	60 NoS/1gm	
14	HEAT STABILITY	ISO105A02	300°C	300°C	300°C	
15	MIGRATION	In Oil 70°C/48 hrs	1	5	5	
16	FILM MICROSCOPIC EXAMINE	In 30 micron film (Spot)	1	7	1	
17	FDA APPROVED	U.S.A Regulation	--	--	21 CFR, 178. 3297	
18	FDA APPROVED	EU Regulation	--	--	2002/72/EC	
19	TOXICITY	--	--	--	Non-toxic	
20	BULK DENSITY	ASTM D 1895/GM/CC	0.75	0.85	0.83 GM/CC	
21	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			8	8	8	8
22	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			5	5	5	5

For Prayag Polytech (P) Ltd.

Technical Manager