



Technical Data Sheet

PRODUCT NAME:- MOC RED PR170F3						
PRODUCT CODE.: 5214/F3						
APPLICATION : FILM, MONOFILAMENT, MOULDING & COLOR COMPOUND						
SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	PE	
2	PELLET SHAPE	CYLINDRICAL/SPHERICAL	--	--	CYLINDRICAL	
3	PIGMENT	CAS NO.	--	--	2786-76-7	
4	POLYMER	CAS NO.	--	--	9002-88-4	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	40	50	44.59 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.05	1.15	1.09 g/cm ³	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.04%	
9	ANTIOXIDANT CONTENT	%	--	--	0.1%	
10	PIGMENT CONTENT	%	--	--	40%	
11	PELLET SIZE	VERNIER SCALE (mm)	2 mm	3 mm	2 mm	
12	PELLET COUNT	No'S/1gm	75	85	80 NoS/1gm	
13	HEAT STABILITY	ISO105A02	260°C	260°C	260°C	
14	MIGRATION	In Oil 70°C/48 hrs	1	5	4	
15	FILM MICROSCOPIC EXAMINE	In 30 micron film (Spot)	1	7	1	
16	TOXICXITY	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
			7	5	7	5
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			4	2	4	2

For Prayag polytech (P) ltd.


Technical Manager