



**Technical Data Sheet**

**PRODUCT NAME:- MOC RED PR57:1**

**PRODUCT CODE.: 5217**

**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.	--	--	5281-04-9	
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	33 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.05	1.15	1.10 g/cm <sup>3</sup>	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.07 %	
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	80	90	80 No'S/1gm	
13	HEAT STABILITY	ISO105A02	220°C	230°C	220°C	
14	MIGRATION	In Oil 70°C/48 hrs	1	5	5	
15	FILM MICROSCOPIC EXAMINE	In 30 micron film (Spot)	1	7	3	
16	TOXICITY	FDA	--	--	21 CFR 178.3297	
17	BULK DENSITY	ASTM S 1895/GM/CC	0.60	0.70	0.64	
18	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			5	3	5	3
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
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For Prayag polytech (P) ltd.

Technical Manager