



**Technical Data Sheet**

**PRODUCT NAME:- MOC ORANGE PR104**

**PRODUCT CODE.:PE4247**

**APPLICATION: Film, Molding, Filament and color compound**

SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	PE	
2	PELLET SHAPE	Cylindrical/Spherical	--	--	Cylindrical	
3	PIGMENT.	CAS NO.	--	--	12656-85-8	
4	POLYMER	CAS NO.	--	--	9002-88-4	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	80	90	88.5 gm/10 mint	
7	SPECIFIC GRAVITY	ASTM D 792	1.75	1.85	1.77 g/cm <sup>3</sup>	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.06%	
9	ANTIOXIDANT CONTENT	%	--	--	0.1%	
10	PIGMENT CONTENT	%	--	--	60%	
11	PELLET SIZE	Vernier Scale (mm)	2 mm	3 mm	2 mm	
12	PELLET COUNT	No'S/1gm	70	80	70 NoS/1gm	
13	HEAT STABILITY	ISO105A02	230°C	230°C	230°C	
14	MIGRATION	In Oil 70°C/48 hrs	1	5	5	
15	FILM MICROSCOPIC EXAMINE	In 30 micron film (Spot)	1	7	1	
16	FDA APPROVED	U.S.A Regulation	--	--	NO	
17	FDA APPROVED	EU Regulation	--	--	NO	
18	TOXICITY	--	--	--	Non-toxic	
19	BULK DENSITY	ASTM D 1895/GM/CC	1.00	1.10	1.03	
20	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			6-7	4-5	6-7	4-5
21	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			2	2-3	2	2-3

For Prayag polytech (P) ltd.

