

**Technical Data Sheet**

**PRODUCT NAME:- MOC OXIDE RED PR101**

**PRODUCT CODE.: 9360/E**

**APPLICATION : FILM, MOLDING & COLOR COMPOUND**

SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	EVA	
2	PELLET SHAPE	Cylindrical/Spherical	--	--	Cylindrical	
3	PIGMENT	CAS NO.	--	--	1309-37-1	
4	POLYMER	CAS NO.	--	--	24937-78-8	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	15	25	19.5 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.90	2.00	1.96 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	%	%	%	70%	
11	PELLET SIZE	Vernier Scale (mm)	2 mm	3 mm	2 mm	
12	PELLET COUNT	No'S/1gm	60	70	70 NoS/1gm	
13	HEAT STABILITY	ISO 105 A02	290°C	300°C	300°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	TOXICITY	--	--	--	Non-toxic	
17	BULK DENSITY	ASTM D 1895/GM/CC	1.15	1.25	1.20	
18	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			8	8	8	8
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			5	5	5	5

**For Prayag polytech (P) ltd.**



Technical Manager