



**Technical Data Sheet**

**PRODUCT NAME:- MOC YELLOW OXIDE PY42**

**PRODUCT CODE : 3233**

**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.	--	--	20344-49-4	
4	POLYMER	CAS NO.	--	--	9002-88-4	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	45	55	51.6 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.85	1.95	1.92 g/cm <sup>3</sup>	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.03%	
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	ISO105A02	240°C	240°C	240°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	TOXICXITY	FDA	--	--	21 CFR 178.3297	
17	BULK DENSITY	ASTM S 1895/GM/CC	1.10	1.20	1.15	
18	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			6	5	6	5
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			4	3	4	3

**For Prayag polytech (P) ltd**

Technical Manager