



## Technical Data Sheet

**Product Name:- MOC YELLOW PY183**

**Product Code: 3222**

**Application: Film, Mono filament, Injection Molding & Color Compound**

SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	PE	
2	PELLET SHAPE	Cylindrical/Spherical	--	--	Cylindrical	
3	PIGMENT	CAS NO.	--	--	65212-77-3	
4	POLYMER	CAS NO.	--	--	9002-88-4	
5	ADDITIVE	CAS NO.	--	--	9002-88-4	
6	MFI 190°C/2.16 Kgs.	ASTM D 1238	230	240	238 gm/10 mint	
7	SPECIFIC GRAVITY	ASTM D 792	1.00	1.10	1.08 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	%	--	--	40%	
11	PELLET SIZE	Vernier Scale (mm)	2 mm	3 mm	2 mm	
12	PELLET COUNT	No'S/1gm	100	110	100 NoS/1gm	
13	HEAT STABILITY	ISO105A02	240°C	240°C	240°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	FDA APPROVED	U.S.A Regulation	--	--	21 CFR, 178. 3297	
17	FDA APPROVED	EU Regulation	--	--	2002/72/EC	
18	TOXICITY	--	--	--	Non-toxic	
19	BULK DENSITY	ASTM D 1895/GM/CC	0.55	0.65	0.63	
20	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			7	6	7	6
21	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			3	--	3	--

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

Prayag Polytech Pvt. Ltd.  
BHAWADI

Technical Manager