



**Technical Data Sheet**

<b>PRODUCT NAME:- MOC RED PR53:1</b>						
<b>PRODUCT CODE :- 5216</b>						
<b>APPLICATION: FILM, MONOFILAMENT MOLDING, &amp; COLOR COMPOUND</b>						
SL NO.	PROPERTIES	METHOD	RANGE		RESULT	
			LOWER	UPPER		
1	CARRIER RESIN	--	--	--	PE	
2	PELLET SHAPE	CYLINDRICAL/SPHERICAL	--	--	CYLINDRICAL	
3	PIGMENT.	CAS NO.	--	--	5160-02-1	
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	82 gm/10 mint	
7	SPECIFICA GRAVITY	ASTM D 792	1.05	1.15	1.12 g/cm <sup>3</sup>	
8	MOISTURE CONTENT 105°C	ASTM D 789	0.01	0.15	0.04%	
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	75	85	80 NoS/1gm	
13	HEAT STABILITY	ISO105A02	200°C	220°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	2	
16	TOXICXITY	FDA	--	--	21 CFR 178.3297	
17	BULK DENSITY	ASTM S 1895/GM/CC	0.65	0.75	0.67	
18	LIGHT FASTNESS	ISO 105 B02	FULL TONE	TINT TONE	FULL TONE	TINT TONE
			5	2	5	2
19	WEATHER RESISTANCE	DIN 54001	FULL TONE	TINT TONE	FULL TONE	TINT TONE
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For Prayag polytech (P) ltd

  
Technical Manager