



TO WHOM SO EVER IT MAY CONCERN

Technical Data Sheet

PRODUCT NAME : ORANGE
PRODUCT CODE/LOT NO. : PE4048/20B4761
APPLICATION : FILM EXTRUSION/ MOULDING

PROCESS ANALYSIS :

SR.NO.	PROPERTIES	METHOD	RESULTS
01	CARRIER RESIN	--	PE
02	PELLET SHAPE	--	Cylindrical
03	M.F.I (190 ⁰ C, 2.16 Kg.)	ASTMD-1238/ IS: 13360 (Pt.4/Sec-1)	30-35 gm/10mint
04	SPECIFIC GRAVITY	ASTMD792 IS:13360(Pt.3/Sec-1)	1.25-1.30 g/cm3
05	MOISTURE CONTENT	ASTM D789, %	< 0.1%
06	ANTIOXIDANT CONTENT	%	0.1 %
07	DISPERSION	In 30 micron film @ 5% LDR	Excellent
08	LIGHT FASTNESS	ISO R879/DIN 53387	6-7
09	HEAT STABILITY	EN 12877-2	>240°C
10	COLOUR MIGRATION	In Oil 72°C/48hrs	4-5
11	TOXICITY	--	Non Toxic
12	PELLETS COUNT	No's/1 gm	70-80
13	PELLET SIZE	mm	2-2.5 mm
14	BULK DENSITY	GM/CC	0.75-0.80

Note: Light fastness- the colored HDPE sample are exposed to filtered xenon light for up to 1000 hours, in accordance with ISO R879/DIN 53387. The samples are assessed against blue wool scale (1-8), where 8 denote very high and 1 lowest light fastness.

For Prayag Polytech (P) Ltd.,


Technical Manager

The above details are given to the best of our knowledge and experience but are only meant as suggestion without obligation.

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