



TO WHOMSOEVER IT MAY CONCERN

Technical Data sheet

PRODUCT NAME : GRAY
PRODUCT CODE : PE8293
APPLICATION : Injection Molding for HDPE

PROCESS ANALYSIS:

SR.NO.	PROPERTIES	METHOD	TYPICAL VALUE
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)	35-40 Gms./10Min.
04	SPECIFIC GRAVITY	ASTMD792/ IS:13360(Pt.3/Sec-1)	1.10-1.20 g/cm ³
05	MOISTURE CONTENT	%	< 0.15%
06	ANTIOXIDANT CONTENT	%	1% (B225)
07	UV CONTENT & TYPE	%	6% (Tinuvin 783)
08	DISPERSION	--	Excellent
09	LIGHT FASTNESS	--	8
10	HEAT STABILITY	--	280°C
11	WEATHER FASTNESS	--	4
12	MIGRATION	IN OIL 70 ⁰ C/48 hrs	5
13	HEAVY METAL	--	NO
14	FDA APPROVED	--	YES
15	TOXICITY	--	Non-Toxic
16	DOSAGE	%	2%
17	PELLET SIZE	mm	2.5-3 mm
18	PELLET COUNT	No's/1gm	70-80
19	BULK DENSITY	GM/CC	0.85-0.90

For Prayag Polytech (P) Ltd.,



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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