



TO WHOM SO EVER IT MAY CONCERN

**Technical Data Sheet**

**PRODUCT NAME** : PS GRAY K-03  
**PRODUCT CODE** : PS8320  
**APPLICATION** : injection Molding

**PROCESS ANALYSIS:**

SR.NO.	PROPERTIES	METHOD	TYPICAL VALUE
01	CARRIER RESIN	--	Polystyrene
02	PELLET SHAPE	--	Cylindrical
03	M.F.I (200° C, 5 Kg.)	ASTMD-1238/ IS: 13360 (Pt.4/Sec-1)	15-20 gm/10mint
04	SPECIFIC GRAVITY	ASTMD792 /IS:13360(Pt.3/Sec-1)	1.50-1.55 g/cm3
05	MOISTURE CONTENT	%	< 0.1%
06	ANTIOXIDANT CONTENT	%	0.1%
07	DISPERSION	--	Excellent
08	LIGHT FASTNESS	--	8
09	HEAT STABILITY	--	280°C
10	HEAVY METAL	--	NO
11	MIGRATION	--	5
12	TOXICITY	--	Non-Toxic
13	PELLET SIZE	mm	2.5-3 mm
14	PELLET COUNT	No'S/1gm	70-80
15	BULK DENSITY	GM/CC	0.90-1.00

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.

**P R A Y A G P O L Y T E C H ( P ) L T D .**

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