



PT. LANGGENG JAYA PLASTINDO

Office & Factory : Jl. Raya Kedamean No. 16, Gresik, East Java 61175 - Indonesia
Telp: 62-31-79970535 e-mail : info@langgengjayagroup.com Website :https://langgengjayagroup.com/

CERTIFICATE OF ANALYSIS

1. Scope

This purchases specification concerns HDPE pellet made of recycled post-consumer packaging for use in **injection** processes

2. Technical specs

Source		Post-consumer packaging		
Product / ID Name		HDPE Injection Mix Color / P36		
Chemical Name		High Density Polyethylene		
CAS Number		9002-88-4		
Production Batch Number		PA36SA0203		
Date of production		February 03rd, 2023		
Filtration		Mesh 100		
Form		Granule		
Color		Dark green*		
Application		Injection process		
Property	Nominal Value	Unit	Result	Test Method
Melt Flow Index	n/a	g/10min	4,27	ASTM D1238 (2.16 kg)
Pellet Diameter	3,0 ~ 5,0	mm	4,29	Manual measuring
Thickness pellet size	1,5 ~ 5,0	mm	2,24	Manual measuring
Water Content	max 1	%	0,18	30 min at 115°C
Bulk Density	450~600	kg/m ³	525,00	ASTM D1895 Methode B
Density	n/a	g/cm ³	0,927	ASTM D792
Impurities				
Metal	≤ 10	ppm	0,00	Sorting per 100 grm
Other Collored Pellets	≤ 20	ppm	0,00	Sorting per 100 grm
Other Impurities	≤100	ppm	0,00	Sorting per 100 grm
Colormetri*				Color measurement to DIN 6174
L*	n/a	Scale	30,26	X-rite
a*	n/a	Scale	-7,61	X-rite
b*	n/a	Scale	-2,84	X-rite
Note : *The color can not be stable due to raw materials of various colors. All proper are measured under laboratory conditions by the analytical method shown. Different methods or conditions of analysis may give different values.				

Laboratory - LJP
Dept. Quality Control

Print Date : 05/09/2023