



# 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 PP pellet made of recycled post-consumer packaging for use in **extrusion** processes

### 2. Technical specs

Source		Post-consumer packaging		
Product / ID Name		PP Light Green (Low MFI) / P02		
Chemical Name		Polypropylene		
CAS Number		9003-7-0		
Production Batch Number		PC02ER1128 - Grade B		
Date of production		November 11st, 2022		
Filtration		Mesh 100		
Form		Granule		
Colour		Green		
Application		Extrusion process		
Customer Need		<input checked="" type="checkbox"/> Samples <input type="checkbox"/> PO Reference		
Property	Nominal Value	Unit	Result	Test Method
Melt Flow Index*	n/a	g/10min	6,83	ASTM D1238 (2.16 kg)
Pellet Diameter	3 ~ 5,0	mm	4,30	Manual measuring
Thickness pellet size	1,5 ~ 5,0	mm	2,76	Manual measuring
Water Content	max 1	%	0,29	30 min at 115°C
Bulk Density	450~600	kg/m <sup>3</sup>	491,00	ASTM D1895 Methode B
Density	n/a	g/cm <sup>3</sup>	0,90	ASTM D792
<b>Impurities</b>				
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
<b>Colormetri</b>				Color measurement to DIN 6174
L*	n/a	Scale	45,51	X-rite
a*	n/a	Scale	-0,65	X-rite
b*	n/a	Scale	10,62	X-rite
<b>Note :</b> 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