



# PT. LANGGENG JAYA PLASTINDO

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## CERTIFICATE OF ANALYSIS

### 1. Scope

This purchases specification concerns coloured PP pellet made of various household plastic product for use in **injection** processes

### 2. Technical specs

Source		Various household plastic product		
Product / ID Name		PP WHITE / P05		
Chemical Name		Polypropylene		
CAS Number		9003-7-0		
Production Batch Number		PA05SA0728		
Date of production		July 28th, 2023		
Filtration		Mesh 60		
Form		Granule		
Colour		White		
Application		Injection 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	17,13	ASTM D1238 (2.16 kg)
Pellet Diameter	3 ~ 5,0	mm	3,81	Manual measuring
Thickness pellet size	1,5 ~ 5,0	mm	3,17	Manual measuring
Water Content	max 1	%	0,25	30 min at 115°C
Bulk Density	450~600	kg/m <sup>3</sup>	498	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	74,55	X-rite
a*	n/a	Scale	-1,19	X-rite
b*	n/a	Scale	5,24	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

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