



## PT. LANGGENG JAYA PLASTINDO

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### CERTIFICATE OF ANALYSIS

#### 1. Scope

This purchases specification concerns HDPE pellet made of recycled oil bottles for use in **extrusion** processes

#### 2. Technical specs

Source		Oil Bottles		
Product / ID Name		HDPE Blow Green (Ex-Oil Bottle) / P27		
Chemical Name		High Density Polyethylene		
CAS Number		9002-88-4		
Filtration		Mesh 100		
Form		Granule		
Color		Green		
Application		Extrusion process		
Customer Need		<input type="checkbox"/> Samples <input type="checkbox"/> PO Reference		
Property	Nominal Value	Unit	Result	Test Method
Melt Flow Index*	n/a	g/10min	0,26	ASTM D1238 (2.16 kg)
Pellet Diameter	3 ~ 5,0	mm	4,60	Manual measuring
Thickness pellet size	1,5 ~ 5,0	mm	2,45	Manual measuring
Water Content	max 1	%	0,20	30 min at 115°C
Bulk Density	450~600	kg/m <sup>3</sup>	563	ASTM D1895 Methode B
Density	n/a	g/cm <sup>3</sup>	0,934	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	44,11	X-rite
a*	n/a	Scale	-10,04	X-rite
b*	n/a	Scale	25,22	X-rite

**Note :** 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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