



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 Black (Ex-Oil Bottle) / P29		
Chemical Name		High Density Polyethylene		
CAS Number		9002-88-4		
Production Batch Number		PC29SA0517		
Date of production		May 17th, 2023		
Filtration		Mesh 100		
Form		Granule		
Color		Black		
Application		Extrusion process		
Customer Need		<input checked="" type="checkbox"/> Samples	<input checked="" type="checkbox"/> PO Reference	
Property	Nominal Value	Unit	Result	Test Method
Melt Flow Index*	n/a	g/10min	0,23	ASTM D1238 (2.16 kg)
Pellet Diameter	3 ~ 5,0	mm	4,66	Manual measuring
Thickness pellet size	1,5 ~ 5,0	mm	1,63	Manual measuring
Water Content	max 1	%	0,42	30 min at 115°C
Bulk Density	450~600	kg/m ³	542	ASTM D1895 Methode B
Density	n/a	g/cm ³	0,94	ASTM D792
Impurities				
Metal	≤ 10	ppm	0	Sorting per 100 grm
Other Colored Pellets	≤ 20	ppm	0	Sorting per 100 grm
Other Impurities	≤100	ppm	0	Sorting per 100 grm
Colormetri				Color measurement to DIN 6174
L*	n/a	Scale	21,62	X-rite
a*	n/a	Scale	-0,06	X-rite
b*	n/a	Scale	-0,74	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

Print Date : 05/09/2023