LK Packaging
6000 Sheila Street
Commerce, CA 90040-2405

PRODUCT SPECIFICATION AND DATA SHEET

POLYPROPYLENE

Polypropylene Bags from LK Packaging have been the choice for product presentation and preserving freshness

- Provide Clarity for the best possible product presentation
- Extend shelf life due to vapor and moisture barrier properties
- Strong, stiff thermoplastic with excellent chemical resistance to water, salt, and acid solutions
- High melting point.
- Complies with the following **FDA Regulations**: 21 CFR 178.3295, 21 CFR 179.45, 21 CFR 177.1010, 21 CFR 177.1010, 21 CFR 178.3870, 21 CFR 175.320, 21 CFR 3297, 21 CFR 2650, 21 CFR 177.1520
- Bag measurements are based on inside dimensions and meet industry standard tolerances
- Thickness of bag is the specification with not more than +/- 10% variance
- Chemical composition: Carbon and Hydrogen
- Contains no latex, mercury, sulfur, nitrogen, silicon, heavy metals, BPA (biphenyl A), polyvinyl chlorides, polystyrenes, polycarbonates, phthalates, BHT (butylated hydroxyl toluene), DEHA (diethyl hydroxylamine), DEHP (di (2-ethylhexyl) phthalate), PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonates), PBDE (poly brominated diphenyl ether) or PBB (poly brominated biphenyl)
- Contains no animal derivative ingredients
- Complies with RoHS 3 (Restrictions of Hazardous Substances)
- Complies with China RoHS 2
- Complies with WEEE (Waste Electrical & Electronic Equipment)
- Complies with CMM (China's Management Methods)
- Complies with REACH (**R**egistration **E**valuation **A**uthorization and Restriction of **Ch**emical Substances)
- Complies with California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
- Complies with California SB657 Slavery & Human Trafficking Legislation
- Complies with HR 4173 Wall Street Reform & Consumer Protection Act "Conflict Minerals"
- Complies with CONEG Legislation

Physical Properties	Test Method (ASTM)	Unit	Film Grade			
			FL7015E2	FL7013E2	2-MIL	4-MIL
Type of Product			CPP	MCPP	BOPP	BOPP
Melt flow rate	D1238	g/10min	7	7	2.2	2.8
Density	D792	g/cm³	0.90	0.90	0.90	0.90
Tensile Strength at break	D638	kg/cm²	450	450	500	480
Elongation	D638	%	800	800	880	850
Stiffness	D747	kg/cm²	14,500	14,500	14,500	14,000
Melting Point	TPC METHOD	°C	165	165	165	165
Service Temperature		°F	32 - 180	32 - 180	32 - 245	32 - 245
Water Vapor Transmission Rate (MVTR)			0.25g to 0.7g/mil/100 sq in/24 hrs, 100 degree F at 90% RH			
Oxygen Permeability Rate (OTR)			150 cc/mil/100 sq in/24 hrs, at 23 degree C			

Legend:
ASTM: American Society of Testing Materials

Each user of the material should make their own tests to determine the specific products suitability for their particular application. Users must make their own determination of its safety, lawfulness, and technical suitability in its intended application.

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