

James Alexander Corporation

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Plastic Ampoule Technical Data Sheet

Low Density Polyethylene Blend JAC-PE-1

Property	Test Method	Unit	Value
Specific Gravity	ASTM D792	n/a	0.92
Tensile Strength	ASTM D638	psi	1376
Tensile Modulus	ASTM D638	psi	28200
Elongation	ASTM D638	%	277
Flexural Strength	ASTM D790	psi	No Break
Flexural Modulus	ASTM D790	psi	26100
Izod Impact Strength: Notched/Unnotched	ASTM D256	ft.lbs./in	No break/No break
Water Vapor Transmission Rate	ASTM F1249-90	g/100 in ² -day	0.0137
O ₂ Transmission Rate	ASTM F1307-02	cc/100 in ² -day	42.67

The low density polyethylene blend has also passed the following USP 28/NF 23 monograph tests: <661> tests for Nonvolatile Residue, Heavy Metals, Multiple Internal Reflectance, and Thermal Analysis; <671> test for Water Vapor Permeation (class A).

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James Alexander Corp. has no control over the substance(s) proposed for containment within its packaging products, nor to the environment to which the packaging products will be utilized or exposed. Customer acknowledges such and agrees that it, and not James Alexander Corp., is responsible for the chemical resistance of the packaging products.

Because no packaging product is universally impervious, Customer recognizes that it must thoroughly consider, evaluate, and test the compatibility of the packaging product and the exact chemical or combination of chemicals, reactive or otherwise, to be contained therein. Accordingly, the suitability of James Alexander Corp.'s packaging products for this or any other application is the sole and exclusive responsibility of Customer.

