

# ACG-pharmapack™

I N N O V A T I O N

**PP**

## Properties

Sr. No.	Particulars	Test method reference	Specifications
1	Thickness	DIN 53370	+/- 10% 250 +/- 5% 300 +/- 5%
2	GSM	DIN 53352	= (PP thickness X 0.9*) * density of PP in g/cc
3	Dimensional Stability	DIN 53377	LD – 0 % max TD + 0 % max
4	Tensile strength	ASTM – D 882	LD & TD 450 kg/m <sup>2</sup> min
5	Elongation	ASTM – D 882	LD & TD 150% min
6	Toxicity	USP - 31	Non toxic
7	WVTR at 38 Deg.C. & 90 % RH	DIN 53122	~ 0.8 to 1 gm/m <sup>2</sup> /day Depending on thickness
8	OTR at 23 Deg.C. & 85 % RH	Oxtran carrier gas method	320 cm <sup>3</sup> /m <sup>2</sup> /day Depending on thickness
9	Impact Strength	DIN 53448	≥ 350 Kj/in <sup>2</sup>

Physiological properties are in accordance with FDA & EC recommendations.

Regulatory:	Complies with the requirements of the European Pharmacopoeia and with Directive 2002/72/EC and amendments in their current version
	Complies with the relevant US Code of Federal Regulations CFR 21 and with the US Pharmacopoeia where applicable.
	Complies with Directive 94/62/EC and with US CONEG regulations.
	Formulation filed with FDA, DMF 15884 Type III.
	Production and quality controls according to cGMP rules

