

# IMPAK CORPORATION

## PAKVFM4892

PHYSICAL PROPERTIES (48GaMetalized PET/ PE / 92GaMetalized PET)

Total Thickness (mils)	4.4 mil
WATERVAPOR TRANSMISSION RATE (FED 101) (routinely measured at .0003 -we certify to .005 maximum)	0.0046 (range: 0.0035 – 0.0057) N=9
TENSILE STRENGTH (ASTM D882-83, A)TD	48.8 (range: 45-50)
TENSILE STRENGTH (ASTM D882-83, A)MD	52.5 (range: 50-55)
BREAKING STRENGTH (GRAB - FED 191) MD	4.43(s.d. .36)
BREAKING STRENGTH (GRAB - FED 191) TD	5.15 (s.d. 1.03)
PUNCTURE STRENGTH (FTMS 101)	12.87 (.45)
RECOMMENDED HEAT SEAL CONDITIONS 300 °F/40 PSI/1	28 (range: 24-30)
Elongation, % (MD)	138 (range: 120-165)
Elongation, % (TD)	100 (range: 90-115)
Light Transmission, %	0.1 max

IMPAK CORPORATION makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. The values shown above were developed from random samples taken from production material. We believe them to be typical for the product. Actual values may vary somewhat from those depicted here. Customers should determine product suitability based upon their own internal criteria.

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