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MIL-PRF-131K Type I Class I PROTECT PL Data Sheet

Barrier Material: Watervaporproof, Greaseproof, Flexible, Heat-Sealable
Structure description: OPP/PE/Foil/PE

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	3.2	mil	ASTM D2103
Yield	8,190	in ² /lb	Calculated
Puncture Resistance	18	lbs	MIL STD 3010
Tensile Strength	20	lbs/in	ASTM D882
Breaking Strength	70	lbs (Grab Mthd)	MIL STD 3010
OTR	0.0005	cc/100 in ² /day @0% RH, 23 °C	ASTM D3985
WVTR	0.0005	g/100 in ² /day @ 90% RH 40 °C	ASTM F1249
Seal Strength	10	lbs/in	ASTM F88
Suggested Sealing Conditions	400 °F, 40psi, 1.0sec		

Disclaimer:

The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability, or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.