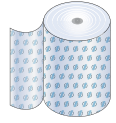




FLEXIBLE FORMABLE PACKAGING



POLYBOND™ RST 80 gsm



POLYBOND RST 80 gsm / 49 lb

Polybond RST 80 gsm is a unique Surface Treated Reinforced top web solution made of a 80 gsm fiber matrix saturated with a selection of water based, synthetic and soft resins to dramatically enhance its mechanical behavior of the material. The chemical treatment added to the reinforced matrix allows excellent sealing performance, high reactivity, while persuing optimized breathability for efficient EO sterilization process. With a renewable resources content of more than 70% for better environmental performance, Polybond RST 80 gsm is designed to seal to flexible formable film grades such as PA/PE or PP/PA/PE or PP/PE substrates. Polybond RST 80 gsm is compatible with EO and Irradiation sterilization processes.

Surface Treated Polymer Reinforced Web



Typical applications:

Polybond RST 80 gsm is a unique solution to reduce the cost of your most demanding packaging designs: high seal strength, easy runnability, clean peel opening. Surface treated webs run in a 20°C operating window depending on packaging lines. Polybond RST 80 gsm is particularly adapted to tubings, IV sets, catheters, small drapes and gowns materials as well as procedure kits packed in flexible packaging.

MATERIAL DESCRIPTION

POROUS WEB

Product designation	POLYBOND™ RST 80 gsm / 49 lb		
Product description	Surface Treated Polymer Reinforced Web		
Recommended sterilization	EO / Irradiation		
	STANDARD TEST METHOD	UNIT	TYPICAL VALUE
Substance	ISO 536	g/m ²	80
Substance	ISO 536	lb	49
Thickness	ISO 534	µm	100
Thickness	ISO 534	mil	3.9
Tensile strength	ISO 1924-2	kN/m	5.8
Burst strength	ISO 2758	kPa	440
Tearing strength	ISO 1974	mN	700
Cobb test	ISO 535	g/m ²	15
Pore size	EN 868-2:2009 (App. E)	µm	18
Air permeance	ISO 5636-3	µm/Pa.s	6.2



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