

BioLogiq[®]

XN 25301



XN 25301 is redefining what's possible for non-wovens. This innovative hybrid grade combines our advanced biopolymers with polypropylene (PP) for up to 25% plant-based content in final products, delivering the performance you need with the carbon savings you want.

- A high-performance resin made with 50% NuPlastiQ[®] and PP.
- Soft feel for a one-of-a-kind, premium user experience.
- Designed for synthetic yarn, spunbond, and melt blown applications.
- Supplied in pellet form.

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3834 Professional Way, Idaho Falls, ID 83402
Office: 208-357-9650 | biologiq.com

BioBlend[®]

XN 25301 is a masterbatch made with 50% NuplastiQ[®] biopolymer compounded with polypropylene.

APPLICATIONS

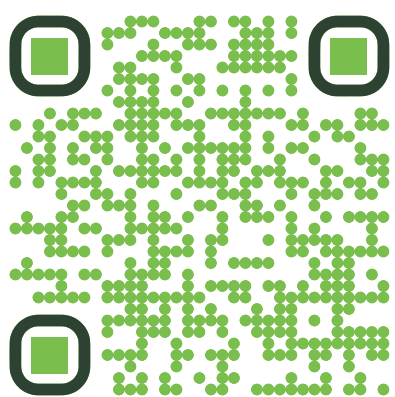
Suitable for synthetic yarn, spunbond, and melt blown materials, such as:

- Reusable Shopping Bags
- Tablecloths
- Hospital & Surgical Gowns*
- Face Masks*
- Hygiene Products*
- Landscape Fabric or Mulch Cloth

*Regulatory requirements vary by region. End users should perform final product testing.

PROPERTIES			
PHYSICAL	TEST METHOD	NOMINAL VALUE	UNITS
Density	ASTM D792	1.16	g/cm ³
THERMAL			
Melt Flow Index	ASTM D1238	6 - 8	g/10 min (190°C/2.16 kg)
		26	g/10 min (230°C/2.16 kg)
Moisture	ASTM D6890	≤ 0.5	%

FABRIC PROPERTIES						
Basis Weight	GB/T 24218.1-2009	g/m ²	20	30	40	90
Tensile Strength MD	GB/T 3923.1-2013	N	33	30	36	118
Tensile Strength CD		N	24	23	30	87
Elongation @ Break MD		%	148	98	121	125
Elongation @ Break CD		%	152	116	124	114



<https://www.biologiq.com/products/>

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