

TYPICAL PROPERTIES OF Natural Reduced Density PET Sheet – BNARDX

Capabilities:

- Gauge: 0.015" – 0.040" (381 µm – 1016 µm)
- Width: 15" – 48" (305mm – 1219mm)
- Core Size: 6" standard, 3" and 8" available
- Roll OD: 29" standard, up to 40" available
- Prototype trays available
- Custom colors available
- Silicone coating available

Features:

- Naturally opaque
- 20%+ higher yield
- 30%+ increased cycle times
- Excellent part distribution
- Good toughness
- Easier to cut, reduced knife wear
- Reduced environmental impact
- FDA compliant for CFR 21#177.1630

Properties		Units	Typical Values	Test Method
Thickness		mil	15.0	ASTM D6988
		µm	381.0	
Yield		in ² /lb	1,722.2	ASTM D4321
Density		g/cc	1.072	ASTM D792
Surface Tension		dyne/cm		ASTM D2578
Coefficient of Friction		—	0.15 – 0.2	ASTM D1894
Drop Dart Impact		ft/lb	2.5	ASTM D4272
Transmission		%	35	ASTM D589
Haze		%	100	ASTM D1003
Color Density		—	0.5	ANSI
Gloss @ 60°		%	75	ASTM D532
Tensile Strength	MD	PSI	3,000	ASTM D882
	TD		3,500	
Elongation	MD	%	50	ASTM D882
	TD		30	
1% Secant Modulus	MD	KPSI	70	ASTM D882
	TD		70	

Thickness & Yields may vary by +/- 10%

All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.