

# DNH - White Heat Sealable (Low HSIT- No Treat)



### Key Performance Characteristics:

Solid white, two side sealable with one side very low HSIT, non-treated

### Applications:

Horizontal multi-lane machines for ice cream novelty packaging

## Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES
			DNH30
THICKNESS	Internal	mil ( $\mu\text{m}$ )	1.18 (30)
YIELD	Internal	$\text{in}^2/\text{lb}$ ( $\text{m}^2/\text{kg}$ )	25,500 (36.2)
HEAT SEAL INITIATION (ultra low side)	1/2 sec, 30 PSI	$^{\circ}\text{F}$ / ( $^{\circ}\text{C}$ )	158 / (70)
HEAT SEAL INITIATION (standard side)	1/2 sec, 30 PSI	$^{\circ}\text{F}$ / ( $^{\circ}\text{C}$ )	232 / (111)
GLOSS (45 $^{\circ}$ )	ASTM D2457	G.U.	50
OPTICAL DENSITY	ASTM D1003	%	0.29
OPACITY	TAPPI	%	63
WHITE INDEX	ASTM E313	%	90
COEFFICIENT OF FRICTION (standard seal side/standard seal side)	ASTM D1894	Dynamic	0.32
COEFFICIENT OF FRICTION (ultra low seal side/ultra low seal side)	ASTM D1894	Dynamic	0.89
TENSILE STRENGTH (MD/TD)	ASTM D882	$\text{lb}/\text{in}^2$ ( $\text{kg}/\text{cm}^2$ )	18,500 / 34,150 (1,300) / (2,400)
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	170 / 65
DIMENSIONAL STABILITY (MD/TD)	266 $^{\circ}\text{F}$ (130 $^{\circ}\text{C}$ ) 5 min	%	<5 / <3

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