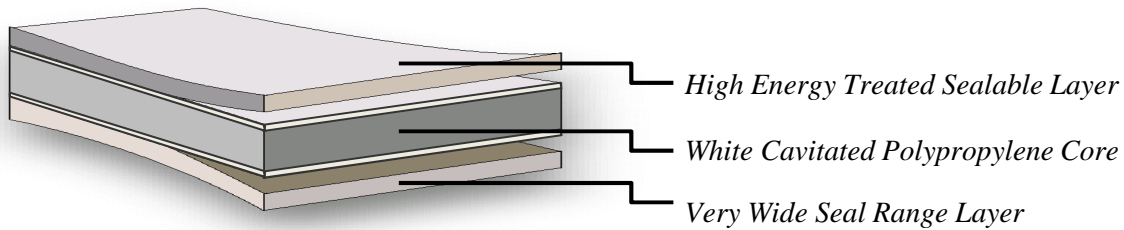


# PHW - White Cavitated Heat Sealable (Low HSIT)



### Key Performance Characteristics:

Cavitated white, two side sealable with very low HSIT, one side treated

### Applications:

Overwrap packaging for heat sensitive products such as ice cream, chocolate bars and biscuits

## Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES	
			PHW35	PHW43
THICKNESS	Internal	mil ( $\mu\text{m}$ )	1.38 (35)	1.69 (43)
YIELD	Internal	in <sup>2</sup> /lb (m <sup>2</sup> /kg)	28,300 (40.24)	23,000 (32.75)
HEAT SEAL INITIATION (untreated side)	1/2 sec, 30 PSI	°F / (°C)	187 / (86)	
HEAT SEAL INITIATION (treated side)	1/2 sec, 30 PSI	°F / (°C)	243 / (117)	
GLOSS (45°) (treated side)	ASTM D2457	G.U.	60	
OPTICAL DENSITY	ASTM D1003	%	0.64	0.74
OPACITY	TAPPI	%	90	93
WHITE INDEX	ASTM E313	%	88	
COEFFICIENT OF FRICTION (non treat side/non treat side)	ASTM D1894	Dynamic	0.29	
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in <sup>2</sup> (kg/cm <sup>2</sup> )	12,000 / 20,500 (840) / (1,445)	
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	135 / 40	
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<5 / <3	
SURFACE ENERGY	ASTM D2578	dyne/cm	40	

Revision Date: April 2017

The above properties and results obtained refer to the average values of laboratory testing carried out on sample Inteplast product. Inteplast does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Inteplast strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Inteplast assumes no responsibility for any damage or injury sustained as a result of the use of its products.