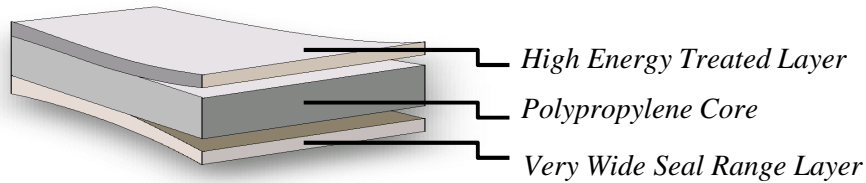


# CHS - Clear Heat Sealable (Monoweb Ultra Low HSIT)



### Key Performance Characteristics:

One side sealable with ultra low HSIT, one side highly treated, slip modified

### Applications:

High speed monoweb for HFFS

## Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES			
			CHS18	CHS20	CHS25	CHS45*
THICKNESS	Internal	mil ( $\mu\text{m}$ )	0.69 (18)	0.79 (20)	0.97 (25)	1.77 (45)
YIELD	Internal	in <sup>2</sup> /lb (m <sup>2</sup> /kg)	44,000 (62.5)	38,700 (55.0)	31,500 (44.8)	17,200 (24.4)
HEAT SEAL INITIATION (untreated side)	3/4 sec, 22 PSI	°F / (°C)	175 (80)			
HAZE	ASTM D1003	%	2.3			
GLOSS (45°)	ASTM D2457	G.U.	90			
COEFFICIENT OF FRICTION (non-treated side)	ASTM D1894	Dynamic	0.25			
COEFFICIENT OF FRICTION (treated side)	ASTM D1894	Dynamic	0.23			
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in <sup>2</sup> (kg/cm <sup>2</sup> )	21,300 / 41,300 (1,500) / (2,900)			
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	160 / 55			
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<6 / <4			
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F1249 100°F (38°C), 90% RH	g/100in <sup>2</sup> /24h (g/m <sup>2</sup> /24h)	0.37 (5.7)	0.35 (5.4)	0.31 (4.8)	0.19 (2.9)
SURFACE ENERGY	ASTM D2578	dyne/cm	38			

Revision Date: April 2018

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.