©Exlfilmplus SHIELD

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES			
		GRAY		WHITE	
Gauge		150		100	
Roll Length – Center Fold		1,750		2,625	
Roll Length – Single Wound		3,500		5,250	
Low Temperature Usage (°F)		-45°		-45°	
Shrink Temperature (°F)		240-340°		240-340°	
Max. Storage Temp. (°F) 2 yrs. Max.		90°		90°	
Transmittance (%)	D1003	2.5		5.5	
Gloss at 20°F	D2457	68		60	
Coefficient of Friction (film to film), kinetic	D1894	0.12		0.17	
Oxygen Transmission Rate (cc / 100in ² / 24 hrs.)	D3985	265		421	
Water Vapor Transmission Rate (g / 100 in ² / 24hrs.)	F1249	.19		.32	
		MD	TD	MD	TD
Tensile Strength (PSI)	D882	14,000	14,000	14,000	14,000
Elongation at Break (%)	D882	155	155	150	140
Stiffness Modulus (PSI)	D882	35,000	45,000	47,000	50,000
Unrestrained Shrink (%) @ 250°F	D2732	63	63	65	65
Tear Propagation (g/ply)	D1922	35	35	23	23

ipg

intertape polymer group®

100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA Customer Service: 800.IPG.8273 | 800.474.8273 Tape Technical Service: 877.447.4832 www.itape.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

