





Vendor: 						Client: 
	ITP for Heat Shrinkable Sleeve					
	Proj. Code	Discipline	Doc Type	Sequence No.	Rev.	
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ITP for INNER 500



PROPERTY	UNIT	REQUIREMENT	TEST METHOD	Acceptance	Niashimi	Client	TPI
			ASTM				
TOTAL THICKNESS:	mm.	0.550 ± 10%	D 1000	IPS-M-TP-310	H	R	W
TENSILE STRENGTH (min.)	Kg/cm width	5	D 1000	IPS-M-TP-310	H	R	W
ELONGATION AT BREAK (min.)	%	250	D 1000	IPS-M-TP-310	H	R	W
ADHESION TO PRIMED STEEL (min.)	Kg/cm width	3.0	D 1000 (METHOD A)	IPS-M-TP-310	H	R	W
ADHESION TO SELF (AT OVERLAPS) (min.)	Kg/cm width	0.9	D 1000	IPS-M-TP-310	H	R	W
DIELECTRIC STRENGTH (min.)	Kv/mm	20	D 149	IPS-M-TP-310	H	R	W
INSULATION RESISTANCE (min.)	Ohm.m2	10 ⁶	BS EN 12068	IPS-M-TP-310	H	R	R
WATER VAPOR TRANSMISSION RATE (max.)	g/m2/24 hrs	0.3	E 96 (METHOD B)	IPS-M-TP-310	H	R	R
WATER ABSORPTION (max.)	%Wt	0.1	D 570	IPS-M-TP-310	H	R	R
CATHODIC DISBONDING (max.)	mm. DIAMETER	30	G8 (METHOD A)	IPS-M-TP-310	H	R	R
HEAT AGING IN 30 DAYS AT 60°C: REDUCTION OF ELONGATION & TENSILE STRENGTH (max.)	%	As per table 2 of BS EN 12068	BS EN 12068	IPS-M-TP-310	H	R	R

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ITP for OUTER 750

ROW	PROPERTY	UNIT	REQUIREMENT	TEST METOD	Production	Acceptance	Vendor	Client/ Consultant	TPI
				ASTM					
1	THICKNESS (min)	mm	0.760 ± 10%	D 1000	1 Per batch	IPS-M-TP-311	H	R	W
2	TENSILE STRENGTH (min)	Kg/cm WIDTH	7	D 1000	1 Per batch	IPS-M-TP-311	H	R	W
3	ELONGATION AT BREAK (MIN)	%	100	D 1000	1 Per batch	IPS-M-TP-311	H	R	W
4	ADHESION TO BACHING AND INNER-LAYER TAPE (min)	Kg/cm WIDTH	0.5	D 1000 METHOD A	1 Per batch	IPS-M-TP-311	H	R	W
5	DIELECTRIC STRENGTH (min)	V/mM	40	D 1000	1 Per batch	IPS-M-TP-311	H	R	W



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ITP for PRIMER NSP27

ROW	PROPERTY	UNIT	REQUIREMENT	TEST METOD	Production	Acceptance	Vendor	Client/ Consultant	TPI
				ASTM					
1	TOTAL SOLID CONTENT (MIN.)	% BY WEIGHT	27	D 2369	1 Per batch	IPS-M-TP-322	H	R	W
2	DENSITY (AT 25°C)	g/cm ³	0.8 ± 0.03	D 1475	1 Per batch	IPS-M-TP-322	H	R	W
3	VISCOSITY (FLOW TIME; FORD CUP No. 4) AT 25°C	SECOND	35-60	D 1200	1 Per batch	IPS-M-TP-322	H	R	W

