



## DATA SHEET

Producer of 2ply & 3ply Tapes  
and Heat Shrinkable Sleeves

021-88510381-6

NO.16, Toupchi St.,  
Northern Sohrevardi Ave.,  
Tehran, Iran

### Primer (NSP27)



### Technical specification

#### PROPERTIES

PROPERTY	UNIT	REQUIREMENT	TEST METHOD
TOTAL SOLID CONTENT (MIN.)	% BY WEIGHT	27	D 2369
DENSITY (AT 25°C)	g/cm <sup>3</sup>	0.8 ± 0.03	D 1475
VISCOSITY (FLOW TIME; FORD CUP No. 4) AT 25°C	SECOND	35 - 60	D 1200
Drying Time (AT 23°C)	MINUTE	3 - 10	US Federal Standard No. 141, Method 4061
TEMPERATURE RANGE OF: APPLICATION OPERATION	°C	-20 TO +60 -20 TO +60	

#### PERFORMANCE REQUIREMENTS OF PRIMER IN CONJUNCTION WITH HAND- APPLIED LAMINATED TAPE

PROPERTY	UNIT	REQUIREMENT	TEST METHOD ASTM
ADHESION STRENGTH (MIN.)	kg/cm	1.5	D 1000 (METHOD A)
DIELECTRIC STRENGTH BREAKDOWN (MIN.)	kV/mm	40	D 1000
CATHODIC DISBONDING (MAX.)	mm DIAMETER	50	G 8 (METHOD A)

**According to STD: IPS-M-TP -322**

