

POLIONE FG

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	>150	ASTM D36
2	Penetration	dmm	15 - 20	ASTM D 5
3	Cold Flexibility	°C	0 to -2	ASTM D 5147
4	Heat Resistance (@120°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	450	ASTM D 5147
	Transversal		300	
6	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		10	
	Transversal		12	
7	Lap joint Strength	N/5 cm		UEAto M.O.A.T 30
	Longitudinal		450	
	Transversal		300	
8	Tear Strength	N		ASTM D 5147
	Longitudinal		300	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
	Static		L2	UEAto 5.1.9
	Dynamic		I2	UEAto 4.4.1
10	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
11	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
12	Water Absorption (@ 25 °C for 24 hrs)	%	< 1	ASTM D 5147
13	Water Vapour Transmission,	g/m ² /24hrs	< 0.5	ASTM E 96
14	Resistance to leakage at joints		pass	UEAto

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAto STANDARDS RESULTS ARE SUBJECT TO A VARIATION OF 20 % .



izomats
polione
FG 60