




BS 5212 Dayson Flex 10

DETERMINATION OF MINIMUM APPLICATION LIFE		BS 5212 T. method 3	
Properties	Requirements	Value	Test method
Determination of minimum application life	>30 min.	60 min.	BS 5212 T. method 3
DETERMINATION OF TACK-FREE CONDITION		BS 5212 T. method 4	
Properties	Requirements	Value	Test method
Determination of tack-free condition	Not adherence after 16 ± 0.1 h.	Not adherence	BS 5212 T. method 4
DETERMINATION OF RHEOLOGICAL PROPERTIES		BS 5212 T. method 4	
Properties	Requirements	Value	Test method
Determination of ability to flow using a horizontal mould at 5° C	Difference in depth < 3mm	1 mm	BS 5212 T. method 5.3
Determination of ability to flow using a mould inclined at 2.5% slope at 23 ± 2 °C	Difference in depth < 4mm	2 mm	BS 5212 T. method 5.4
DETERMINATION OF RESISTANCE TO PLASTIC FLOW		BS 5212 T. method 4	
Properties	Requirements	Value	Test method
Determination of resistance to plastic flow	<2 mm	0 mm	BS 5212 T. method 6
DETERMINATION OF RESISTANCE TO PLASTIC FLOW		BS 5212 T. method 7	
Properties	Requirements	Value	Test method
Determination of penetration and recovery	Initial ball penetration < 2mm.	0.5 mm	BS 5212 T. method 7
	Recovery >75	89%	

DETERMINATION OF ADHESION AND COHESION IN TENSION AND COMPRESSION				BS 5212 T. method 8		
Properties		Requirements	Value	Test method		
Adhesion and cohesion in tension and compression		Ruptures not exceed 100 mm ² area	0 mm	BS 5212 T. method 3		
Forces in tension and compression	Difference between specimens	Max and min. first cycle shall not differ from average by more of 20 N or 20%	9 N 8.33%			
	Maximum force	< 300 N	126 N			
	Lowest maximum force	< 40 N	88 N			
DETERMINATION OF RHEOLOGICAL PROPERTIES				BS 5212 T. method 9		
Properties		Requirements	Value	Test method		
Determination of mass loss (%)		loss < 6%	1.52	BS 5212 T. method 9.3		
Determination of penetration and recovery		Initial ball penetration < 2mm.	0.7 mm	BS 5212 T. method 9.4		
		Recovery >75	93%			
Determination of changes in forces and changes in adhesion and cohesion on extension and compression	A/C	Ruptures not exceed 100 mm ² area	0 mm	BS 5212 T. method 9.5.1		
		Difference between specimens	3 N 2%			
		Maximum force	< 300 N			150 N
		Lowest maximum force	< 40 N			145 N
		Mean difference from force in tension and compression without ageing	< 100 N			24 N
	A/C	Ruptures not exceed 100 mm ² area	0 mm	BS 5212 T. method 9.5.1		
		Difference between specimens	3 N 2%			
		Maximum force	< 300 N			150 N
		Lowest maximum force	< 40 N			145 N
		Mean difference from force in tension and compression without ageing	< 100 N			24 N
						

DETERMINATION OF FUEL IMMERSION CHARACTERISTICS			BS 5212 T. method 10	
Properties		Requirements	Value	Test method
Determination of change in mass after fuel immersion		loss < 10% increase < 5%	increase 4.42%	BS 5212 T. method 3
Penetration and recovery		Initial ball penetration < 2mm.	1.1 mm	
		Recovery >75	89%	
Adhesion and cohesion in tension and compression		Ruptures not exceed 100 mm ² area	0	BS 5212 T. method 5.4
Forces in tension and compression	Difference between specimens	Max and min. first cycle shall not differ from average by more of 20 N or 20%	5.5 N 2.64%	
	Maximum force	<300 N	208	
	Lowest maximum force	>40 N	184	
DETERMINATION OF FLAME RESISTANT PROPERTIES			BS 5212 T. method 4	
Properties		Requirements	Value	Test method
Determination of flame resistant properties		No evidence of ignition, support of combustion, flow and separation. No hardening or loss of flexibility		