

Nypol 103 A

Nypol 103A is a polymer-modified bitumen with an anti-stripping agent and is produced according to EN 14023 and the Nynas Sales Specifications

Polymer modified Bitumen, 75-130/75

Table 1: Specification information

	Test description	Method	Unit	Min	Max	Class
Consistency at intermediate temperature	Penetration at 25°C	EN 1426	mm/10	75	130	7
Consistency at elevated service temperature	Softening Point R&B	EN 1427	°C	75	-	3
Cohesion	by Force Ductility at 5°C	EN 13589	J/cm ²	3	-	2
Resistance to hardening at 163°C	Retained Penetration	EN 1426	%	50	-	5
	Increase in Softening Point	EN 1427	°C	-	8	2
	Change in mass	EN 12607-1	weight-%	-	1.0	5

Table 2. Additional information

	Test description	Method	Unit	Min	Max	
Safety and handling *	Minimum pumping temperature	-	°C	140	-	
	Typical handling temperatures	-	°C	170	185	
	Maximum safe handling and storage temperature	-	°C	-	190	
Technical characteristics	Flash point	EN-ISO 2592	°C	235	-	3
	Fraas breaking point	EN 12593	°C	-	-20	9
	Elastic recovery at 25°C	EN 13398	%	80	-	2
	Density at 25°C	EN 3838	g/cm ³	1.020	1	-
	Storage stability	EN 13399	°C	-	5	2
	Difference in softening point	EN 1427				
	Solubility	EN 12592	%	99		

* For specific information on binder handling and storage please refer to the Product Information and Safety Data sheets.

Nypol 103A fulfils EN14023 requirements for polymer modified bitumen and is CE marked.

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