

Nypol 46

Nypol 46 is a multi-purpose polymer modified binder which enhances deformation and crack resistance and is suitable for a wide range of asphalt mixture types and applications.

Nypol 46 complies with EN14023

Polymer modified Bitumen, 25-55/60

Table 1: Specification information

	Test description	Method	Unit	Min	Max	Class
Consistency at intermediate temperature	Penetration at 25°C	EN 1426	mm/10	25	55	3
Consistency at elevated service temperature	Softening Point R&B	EN 1427	°C	60	-	6
Cohesion	by Force Ductility at 10°C	EN 13589	J/cm ²	3	-	7
	Retained Penetration	EN 1426	%	50	-	5
	Increase in Softening Point	EN 1427	°C	-	8	2
	Change in mass	EN 12607-1	weight-%	-	0.5	3
Other Characteristics	Flash point	EN-ISO 2592	°C	235	-	3

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Table 2. Additional information

	Test description	Method	Unit	Min	Max
Safety and handling *	Minimum pumping temperature	-	°C	130	-
	Typical mixing temperatures	-	°C	160	190
	Maximum safe handling and storage temperature	-	°C	-	190
Technical characteristics	Fraass breaking point	EN 12593	°C		-15
	Elastic recovery at 25°C	EN 13398	%	70	-
	Density at 25°C	EN 3838	g/cm ³	1.02	
	Storage stability	EN 13399	°C	-	5
	Difference in softening point	EN 1427			
	Solubility in toluene	EN 12592	%	99	-

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

This product fulfils EN14023 requirements for polymer modified bitumen and is CE marked.

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