

# Elaster Newplast Bm-1 (PMB 10/40 - 70)

Polymer modified bitumen complying with EN 14023 standard and obtained by chemical reaction between the base binder and an elastomeric polymer.

## Applications:

- > High modulus and fatigue resistant asphalts

## Recommended working temperatures:

- > Mixing temperature (°C): 170- 180
- > Working temperature (°C): 170- 180
- > Compaction temperatura (°C): 165- 175
- > Maximum heating temperature (°C): 190

## Specifications:

Characteristics	Units	Standard	Min.	Max.
<b>Original binder</b>				
Penetration (25 °C; 100 g; 5s)	0,1 mm	EN 1426	10	40
Softening point	°C	EN 1427	70	-
Fraass breaking point	°C	EN 12593	-	-5
<b>Storage stability:</b>		EN 13399		
• Difference in softening point	°C	EN 1427	-	5
• Difference in penetration (25 °C)	0,1 mm	EN 1426	-	9
Flash point	°C	EN ISO 2592	235	-
Force ductility (15°C)	J/cm <sup>2</sup>	EN 13589	2	-
<b>RTFOT residue</b>				
Mass variation	%	EN 12607-1	-	0,8
Retained penetration	% p.o.	EN 1426	60	-
Increase in softening point	°C	EN 1427	-	8
Decrease in softening point	°C	EN 1427	-	5



Revision No. 5 - Approved: 21/10/2025 - Next revision: 21/10/2030

For further information, please visit [www.moeve.es/en/](http://www.moeve.es/en/)  
 N.B: The recommendations in these technical specifications are purely for guidance and for general situations and Moeve takes no responsibility whatsoever for misuse. For individual cases, contact Moeve Technical Department.