

ELASTER NEWPLAST BM-1 (PMB 10/40 – 70)

DEFINITION:

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

SPECIFICATIONS:

Characteristics	Units	Standard	Min.	Max.
Original binder				
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
Storage stability:		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 2592	235	-
Force ductility (15°C)	J/cm ²	EN 13589	2	-
RTFOT residue				
Mass variation	%	EN 12607-1	-	0,8
Penetration (25 °C; 100 g; 5 s)	% p.o.	EN 1426	60	-
Increase in softening point	°C	EN 1427	-	8
Decrease in softening point	°C	EN 1427	-	5

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.