

Lucobit Lucobit[®] 1210A Ethylene Copolymer Bitumen

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Lucobit 1210A is a mixture of ethylene copolymers and special bitumen. Addition of Lucobit to bitumen increases its viscosity and broadens the range of plasticity. Lucobit 1210A in asphalt mixtures improve: resistance to mechanical stress stability / rigidity low temperature flexibility ageing behavior

Information provided by Lucobit AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucobit-Lucobit-1210A-Ethylene-Copolymer-Bitumen.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	
	1.00 - 1.10 g/cc	0.0361 - 0.0397 lb/in ³	5% Lucobit in Bitumen B50/70
Apparent Bulk Density	0.500 g/cc	0.0181 lb/in ³	

Mechanical Properties	Metric	English	Comments
Elongation at Break	700 - 800 %	700 - 800 %	
Modulus of Elasticity	0.0170 GPa	2.47 ksi	

Thermal Properties	Metric	English	Comments
Softening Point	80.0 - 100 °C	176 - 212 °F	
Brittleness Temperature	<= -30.0 °C	<= -22.0 °F	
Ring & Ball Softening Point	>= 55.0 °C	>= 131 °F	

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