



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Specifications of Polymer Modified Bitumen Emulsion

PROPERTIES	VALUES	TEST STANDARDS
Color	Dark brown	-
Form	Thixotropic viscous liquid	-
Density @25°C, [g/cc]	1.05±0.05	ASTM D 1475
Solid content, [%by wt]	>65	ASTM D 2939
Tensile strength, [N/mm ²]	>0.2	ASTM D 412
Elongation, [%]	>1000	ASTM D 412
Rubber content, [%]	>15 on the dried film	ASTM D 297
Recovery, [%]	100	ASTM D 412
Peel adhesion strength [N/mm]	>4	ASTM D 903
Heat resistance@100°C	no flow	ASTM D 2939
Low temperature flexibility, [°C]	≤ -10	ASTM D 5147
Water vapor transmission, [g/m ² /24 hours]	<0.2	ASTM E 96
Drying time @25°C, [min]	60	-
Application temperature [°C]	5 to 55	DIN EN 52123
Service temperature [°C]	-5 to 100	-
VOC [g/l]	<50	ASTM D 3960/D 2369



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