

**AREVENCA REFINERY COMPLEX**  
Arevenca Building, Suite 200  
LG Smith Boulevard #60  
Oranjestad, Aruba

# Asphalt Emulsion

## TECHNICAL SPECIFICATIONS

Property	Average	Min	Max	Limits of Specs	Method
Density @ 25°C	1016.10 kg/m <sup>3</sup>	1005.00 kg/m <sup>3</sup>	1033.20 kg/m <sup>3</sup>	Report	ASTM D-244
Viscosity at 50°C	24.78 SSF***	11.30 SSF***	274.20 SSF***	(20.0 to 100.0) SSF	ASTM D-244
Residue asphalt mass Fraction by Evaporation	66.10%	51.80%	69.80%	60.00%	ASTM D-244
Penetration to residue @ 25°C 100 g, 5 s	144.80 1/10 mm	110.00 1/10 mm	188.00 1/10 mm	(100 to 250) 1/10 mm	ASTM D-5
Netting retained asphalt mass Fraction, # 20 mesh	0.01%	0.00%	0.04%	Max 0.1%	ASTM D-244
Stability 24 hours, asphalt mass fraction	0.54%	0.00%	1.80%	Max 1.0%	ASTM D-244
Ductility @25° C, 5 cm/min	0.00 cm	0.00 cm	0.00 cm	Min 40.0 cm	ASTM D-113