



ACRA 880LV

Refined Coal Tar Emulsifier

TECHNICAL DATA SHEET

CHEMISTRY FOR LONGER LASTING PAVEMENT SEALERS

ACRA 880LV is an emulsifier chemical designed to produce refined coal tar (RT) emulsions for pavement sealer applications conforming to typical specifications, including ASTM D5727: *Standard Specification for Emulsified Refined Coal Tar (Mineral Colloid Type)*, ASTM D6946: *Standard Specification for Emulsified Refined Coal Tar (Driveway Sealer, Ready to Use, Residential Grade)* and FAA Specification P-625: *Coal Tar Pitch Emulsion Seal Coat*.

A preventative maintenance application for parking lots and pavements with low traffic speeds and tight turning radiuses, pavement sealers provide an aesthetically pleasing surface and protection from moisture damage, oxidation and wear and tear.

APPLICATIONS

Pavement Sealer

USE ACRA 880LV WHEN YOU NEED:

- Better pavement sealer durability
- Improved sealer stability
- An easy to use emulsifier that is liquid at low temperatures

FEATURES AND BENEFITS

LONGER LASTING SEALER

Improves emulsion wetting and coverage of substrate for stronger bonding

Improves wetting and coating of compounding additives

Strengthens sealer resistance to moisture damage and abrasion wear for better durability

LONGER SEALER STORAGE SHELF LIFE

Consistently yields thick-bodied emulsions allowing for better suspension of fibers, fillers, clays, sand and other compounding additives for better stability

EASY TO HANDLE

Low viscosity, no heat required for handling

COMPATIBILITY

REFINED COAL TAR

Easily emulsify ASTM RT-12 grade refined tar

POLYMER ADDITIVES

Compatible with SBR, natural and acrylic latex

COMPOUNDING ADDITIVES

Compatible with most clays, fibers, fillers, sand, pigments and other compounding additives

AGGREGATES

Compatible with damp and dusty aggregates of various types including granite, diabase, basalt, chert, limestone, dolomite, sandstone and slag

USAGE RECOMMENDATIONS

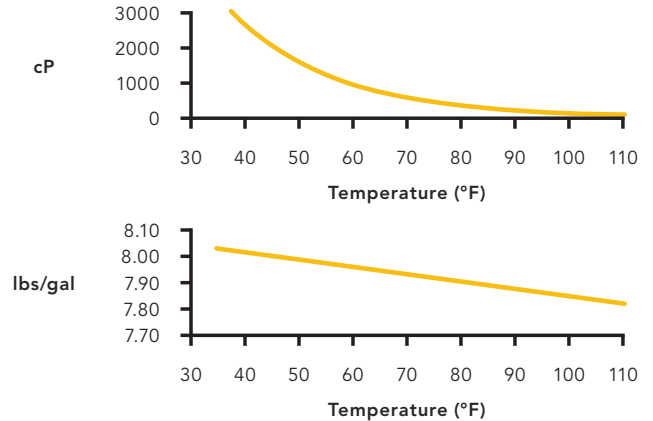
ACRA 880LV: 0.50 – 1.00% by weight of RT

For best results, add ACRA 880LV to the RT prior to emulsification.

PHYSICAL CHARACTERISTICS

Property	Description
Appearance, 77 °F (25 °C)	Brown Liquid
Odor	Amine
Density, 77 °F (25 °C)	7.92 lbs/gal (0.93 kg/L)
Viscosity, 77 °F (25 °C)	700 cP
Pour Point	< 40 °F (4 °C)
TSCA Inventory	Listed
C.A.S. Number	Proprietary

**The density and viscosity data reported are typical and not specifications. Typical ranges for density and viscosity values are ± 2% and ± 20%.*



HANDLING AND STORAGE

Always handle ACRA products in accordance with Safety Data Sheet (SDS) and proper safety procedures. Avoid product contamination with other materials. Do not heat product in excess of 160 °F (71 °C) for prolonged periods. Recommended product handling temperature range is 60 – 120 °F (16 – 50 °C).

AVAILABILITY

ACRA 880LV is available for shipment in bulk by rail car and tank truck. Packaged quantities are available in 275 gal/1,041 L IBC totes (2,000 lb/907.2 kg net weight) and 55 gal/208 L metal drums (410 lb/186.0 kg net weight).

TECHNICAL SUPPORT

To request additional product information, contact your regional Road Science representative. You can also contact us at 918-960-3800 or customerservice@roadscience.net, or visit our website at www.roadscience.net.

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