

COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No.

4934-19

Product Evaluation Coordinator
 Colorado Department of Transportation
 4670 North Holly Street, Unit A
 Denver, Colorado 80216

Material code:
711.02.01.00
 Material code description full name:
Concrete, Admixture

PART 1

Product name: Polychem SA	Product category: ConcreteAdmixtureAir Entraining
Product Representative (name & address): Attn: Bruce Haller MAPEI Corporation 1144 E. Newport Center Drive Deerfield Beach, Florida 33442 Phone: (954) 246-8520 E-mail: bhaller@mapei.com	Manufacturer (name & address): Attn: Bruce Haller MAPEI Corporation 2978 Center Court Eagan, MN 55121 Phone: (954) 246-8520 E-mail: bhaller@mapei.com
Web-site address: www.mapei.com	Web-site address: www.mapei.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Polychem SA is a specifically developed multi-component air-entraining admixture that has been stabilized to produce an air-void system that is consistent with industry requirements and standards. Polychem SA meets or exceeds the requirements of ASTM C 260, CRD C-13 and AASHTO M 154. Polychem SA is a synthetic-based alpha-olefin that will produce a small, more well-defined and spaced bubble structure. When added separately, it will produce an air-void system that is equivalent or exceeds that of pure Vinsol resin-based admixtures at reduced dosage rates.

Restrictions, (installation and/or use):

Protect at temperatures below 34°F

Use of the product, (be specific to CDOT highway activities only):

for use in ready-mix and paving applications

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):

Polychem SA will produce an air-void system that is equivalent or exceeds that of pure Vinsol resin-based admixtures at reduced dosage rates.

Specifications: (listing those applicable is required)

- CDOT :
- ASTM : C260
- AASHTO: M154
- FHWA :
- other :

- Certificate of Compliance (COC) provided
- Certificate of Verification (COV) provided for select categories ONLY

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report** (CTR) provided to validate all claims.

- NTPEP-AASHTO: CADD-2016-01-094 Polychem SA
- FHWA :
- other :
- other :
- other :

State DOT Approvals, (current documentation required):

Re-submittal Cycle: **4 Years / 09-20-2023**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:

Additional Comments:

The following DOT's have approved this product: Minnesota DOT, Iowa DOT, Virginia DOT