

## PRODUCT SERIES FOR ASPHALT

# CERANOVUS® A

## DESCRIPTION

**CERANOVUS A SERIES** specialty polymer additives enhance the performance of asphalt for paving and roofing applications, while assisting manufacturers to improve their sustainability profile and lower their overall carbon footprint. These specialty additives deliver sustainable value by improving thermal and physical properties while lowering viscosity and boosting operational and resource efficiency. All products are supplied as pastilles in supersacks. Special packaging is available upon request.

## APPLICATIONS

**CERANOVUS A** specialty additives are recommended for a broad range of applications, including:

- commercial roofing products
- warm or hot mix paving
- polymer-modified asphalt
- residential roofing products
- bitumen modification
- crumb rubber (GTR) modified asphalt

## PRODUCT FEATURES AND BENEFITS



**REDUCED  
VISCOSITY &  
BETTER WORKABILITY**



**ENHANCED  
SUSTAINABILITY  
PROFILE**



**LOWER  
ENERGY  
CONSUMPTION**



**EXTEND ASPHALT  
COVERAGE  
AND EFFICIENCY**



**IMPROVED  
RUT RESISTANCE &  
THERMAL STABILITY**

## CERANOVUS POLYETHYLENE ADDITIVES PHYSICAL PROPERTIES

PRODUCT	DENSITY (g/cm <sup>3</sup> ) ASTM D1298	DROP POINT (°C) ASTM D3954	PENETRATION @ 25°C in dmm (0.1 mm) ASTM D1321	VISCOSITY cps @ 140°C BROOKFIELD
A115	0.92	116	2	225
A120	0.93	122	2	700
A125	0.94	126	1	2025

## CERANOVUS POLYPROPYLENE ADDITIVES PHYSICAL PROPERTIES

PRODUCT	DENSITY (g/cm <sup>3</sup> ) ASTM D1298	DROP POINT (°C) ASTM D3954	PENETRATION @ 25°C in dmm (0.1 mm) ASTM D1321	VISCOSITY cps @ 190°C BROOKFIELD
A155	0.90	157	2	130

The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

## CERTIFICATIONS



GREENMANTRA's products are certified as 100% recycled content.



GREENMANTRA's products have a verified Environmental Product Declaration based on LCA



GREENMANTRA's products are compliant to the European Union Regulation (E C) 1907/2006 - the Registration, Evaluation, Authorization, and Restriction of Chemicals or REA CH.

# THE RIGHT ADDITIVE CAN DO BIG THINGS FOR YOUR BUSINESS AND THE PLANET

Specialty polymer additives made from waste plastic



**GREENMANTRA**<sup>®</sup>  
TECHNOLOGIES

**GO FARTHER**  
WITH HIGHER OUTPUT

**BE BETTER**  
AT OPTIMIZING COSTS

**DO GOOD**  
FOR THE ENVIRONMENT

**GREENMANTRA TECHNOLOGIES** is a leader in molecular recycling that transforms waste plastics into value-creating specialty polymer additives. GREENMANTRA's products are used as performance enhancers and processing aids in roofing, asphalt roads, extruded plastic parts and other construction infrastructure applications with useful lifespans of 20-50+ years. GREENMANTRA is diverting thousands of metric tons annually of waste plastic from our oceans and landfills into new applications.

[greenmantra.com](https://greenmantra.com)



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