

PRODUCT SERIES FOR PLASTICS

CERANOVUS® PN

DESCRIPTION

CERANOVUS PN SERIES specialty polymer additives act as melt flow modifiers in plastic applications, delivering a unique combination of operational efficiency, higher output with lower energy inputs, and higher recycled content. All products are supplied as pastilles in supersacks. Special packaging is available upon request.

APPLICATIONS

CERANOVUS PN specialty additives are recommended for a broad range of industrial applications, including:

- non-pressure pipe and fittings
- injection molded parts
- storage and transportation boxes
- industrial films
- storm water and drainage solutions
- plastic lumber and furniture

PRODUCT FEATURES AND BENEFITS



**INCREASED
PRODUCTION
OUTPUT**



**ENHANCED
SUSTAINABILITY
PROFILE**



**LOWER
ENERGY
CONSUMPTION**



**FLEXIBILITY TO USE
LOWER COST
FEEDSTOCKS**



**IMPROVED
PRODUCT
PERFORMANCE**

CERANOVUS POLYETHYLENE ADDITIVES PHYSICAL PROPERTIES

PRODUCT	DENSITY (g/cm ³) ASTM D1298	DROP POINT (°C) ASTM D3954	PENETRATION @ 25°C in dmm (0.1 mm) ASTM D1321	VISCOSITY cps @ 140°C BROOKFIELD
PN15	0.92	116	2	225
PN20	0.93	122	2	700
PN25	0.94	126	1	2025

CERANOVUS POLYPROPYLENE ADDITIVES PHYSICAL PROPERTIES

PRODUCT	DENSITY (g/cm ³) ASTM D1298	DROP POINT (°C) ASTM D3954	PENETRATION @ 25°C in dmm (0.1 mm) ASTM D1321	VISCOSITY cps @ 190°C BROOKFIELD
PN55	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[®]
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.

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