2 %

Characteristics	
C. I.	Mixture
CAS No.	-
Chemical class	Mixture

Fastness	
Light fastness - Xenotest	7-8
Heat resistance [°C]	280
Assigment to RAL and Pantone is only informative!	
RAL	
Pantone	260C

Fields of using	
Mouldings	suitable
Films	suitable
Coverings for foods	suitable

Testing methods

- **The Illustrations** show colour shades of dyeings 2 % Rykolen in LD-polyethylene Bralen VA 2-63 in colour system RGB.
- **Characteristics -** Granulated concentrates supplied under the name RYKOLEN are specialy processed organic and inorganic pigments in polyethylene carrier. They are disignated for dyeing of polyethylene and polypropylene products. In many cases they are also suitable for dyeing even of other polymers, for example polyamide and polyurethane. It is recommended to try choosen type on shade stability and influence on the contraction of the dyed material befor using. Pigment content in preparations is 20 - 70 %. Recommended dosing at dyeing of usual mouldings is 1%.
- **Application -** The concentrates are mixed with granulated natural polymer and the material is treated by means of extrusion, injection or blow-out.
- **Colour strength and shade difference against the standard -** Pigment preparations **Rykolen** are standardised in colour strength and colour shade. These properties are evaluated in LD polyethylene Bralen VA 20-60 with 1 % pigment preparation Rykolen. Difference in colour strength ± 10 % is guarantined.
- **Heat resistance** was evaluated on injection moulding machine at 180 to 280 °C after 5 min dwell time. The material to be treated is beforhand dyed with 1% Rykolen in LD-polyethylene Bralen VA 20-60 by sole extrusinon.
- **Fastness to light -** Xenotest - ČSN EN ISO 105-B2 2000(80 0147)
  The light fastness tests were evaluated from dyeings in LD-polyethylene Bralen FB-2-17 with 1 % preparation Rykolen and determined according to blue scale, by it degree 1 denotes the lowest fastness, degree 8 the highest one.

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