

# Keltan<sup>®</sup> 8550C

## Product Description

Amorphous ethylene-propylene rubber with medium ENB (ethylidene norbornene) content and a high Mooney viscosity.

The high molecular weight and branched structure ensure fast mixing and efficient vulcanization. The high level of Controlled Long Chain Branching facilitates the extrusion of the most intricately designed profiles.

This grade is broadly applicable. Examples are dense profiles, coolant hoses and potable water seals.

## Supply Form

Quasi friable bales.

## Raw Material Properties

| Property                        | Nominal Value | Unit | Test Method |
|---------------------------------|---------------|------|-------------|
| Mooney Viscosity ML (1+4) 125°C | 80            | MU   | ISO 289     |
| Ethylene content                | 48            | wt % | ASTM D 3900 |
| ENB content                     | 5.5           | wt % | ASTM D 6047 |
| Molecular weight distribution   | CLCB          |      | LANXESS     |

## Other Product Features

| Property         | Typical Value   |                    |
|------------------|---|--------------------|
| Specific gravity | 0.86  | kg/dm <sup>3</sup> |
| Stabilizer       | non staining  |                    |
| Packaging        | Cardboard box; LDPE bale wrap; 36 quasi friable bales (900 kg). |                    |

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|                         |  |
|-------------------------|--|
| Storage Life/Conditions | The product should be stored dry and at temperature < 30 °C.<br>Exposure to light has to be avoided.                           |
| Shelf life              | 36 months from date of production stored at above mentioned conditions.  |
| Product Safety          | Relevant safety data and references as well as the possibly necessary warning labels are to be found in the safety data sheet. |

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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