

## Ethylene Propylene Diene Terpolymer

KUMHO POLYCHEM

### Product Data Sheet

| Product Description                                                                                                                                                                                                 |                     | Features                                                                                                                                                  |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| KEP510 is an EPDM rubber with very broad molecular weight distribution, very high ethylene content, medium ENB content. It can be used to Wires, cables, high hardness goods, and various types of extruded goods.. |                     | <ul style="list-style-type: none"> <li>- Excellent roll processability</li> <li>- Excellent extrudability for pure rubber or low filled blends</li> </ul> |             |
| Test items                                                                                                                                                                                                          | Sale Specifications | Unit                                                                                                                                                      | Test Method |
| Volatile Matter                                                                                                                                                                                                     | Max 0.75            | wt %                                                                                                                                                      | ASTM D5668  |
| Mooney Viscosity<br>ML(1+4)@125 °C                                                                                                                                                                                  | 23.0 ± 5.0          | MU                                                                                                                                                        | ASTM D1646  |
| Ethylene Contents                                                                                                                                                                                                   | 71.0 ± 2.0          | wt %                                                                                                                                                      | ASTM D3900  |
| ENB Contents                                                                                                                                                                                                        | 5.7 ± 1.0           | wt %                                                                                                                                                      | ASTM D6047  |

### Other Products Features

|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Product Form</b> | Bale                                                                                                        |
| <b>Packaging</b>    | 25 kg/Bag Mesh Box, LDPE or EOM film,<br>600kg (24 kg × 25), 750Kg (30 kg x 30)                             |
| <b>Shelf Life</b>   | 24 months from date of production at room temperature in dry condition, exposure to light has to be avoided |
| <b>The Others</b>   | RoHS Free                                                                                                   |

### Contact Information

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
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| <b>Plant</b>         | 613 Sandanjungang-ro, Yeosu, Jeonnam, Korea<br>82-61-688-2821                               |
| <b>Revision Date</b> | 23/05/2025                                                                                  |
| <b>Revision No.</b>  | 7                                                                                           |

