

# Keltan® 5465 Ethylene-propylene- diene rubber (EPDM)

**Product Description**                      Semi crystalline ethylene-propylene rubber with medium ENB (ethylidene norbornene) content and a medium Mooney viscosity at 50 phr colorless oil extension. The greenstrength and the (clear) oil extension make the polymer especially suitable for non black compounds. Typical applications are moulded (white) goods, such as bull eyes.

**Supply Form**                                      Standard bales

## Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+8) 150 °C	37 MU	ISO 289 / ASTM D 1646
Ethylene Content	64 wt %	ASTM D 3900
ENB Content	4,0 wt %	ASTM D 6047
Oil Content	50 PHR	ISO 1407
Molecular Weight Distribution	Narrow	Internal Method

## Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,87 g/cm <sup>3</sup>	Internal Method
Packaging	Cardboard box; LDPE bale wrap; 36 standard bales (900 kg)	
Storage Conditions	The product should be stored dry and at temperature < 30°C. 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.

Keltan® is a trademark of ARLANXEO Netherlands B.V.

**Disclaimer**

"ARLANXEO makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document (the "Information") about its accuracy, suitability for particular applications, or the results obtained or obtainable using the Information. Some of the Information arises from laboratory work with small-scale equipment that may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the Information. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the Information and/or use or handling of any product. ARLANXEO makes no warranties, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, with respect to the Information, ARLANXEO's products listed in the Information, or the suitability of either ARLANXEO's products, or the Information, for your process or end-use application. This document and the Information shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner. Any offer to sell, offer to purchase, or sale of ARLANXEO's products are expressly governed by ARLANXEO's general terms and conditions of sale applicable to the ARLANXEO legal entity selling, or offering to sell, any such product."

Date of Release: 01.02.2021 / Information current as of date of issue. Please contact your ARLANXEO representative to determine if this publication has been revised.

Page 2 of 2 This document contains important information and must be read in its entirety.