Performance Elastomers

Keltan® 6470C

Product Description

Highly crystalline ethylene-propylene rubber with medium ENB (ethylidene norbornene) content and a high Mooney viscosity.
The combination of high crystallinity, narrow molecular weight distribution and high viscosity provides an extremely robust polymer with good processing characteristics. Due to the high crystallinity of the grade very high mechanical strength can be achieved.
This grade is broadly applicable e.g. for solid sealing systems, hoses, mechanical goods and low voltage cable applications.

Supply Form

Quasi friable bales.

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 125°C	63	MU	ISO 289
Ethylene content	64	wt %	ASTM D 3900
ENB content	4.8	wt %	ASTM D 6047
Molecular weight distribution	CLCB		LANXESS

Other Product Features

Property	Typical Value	
Specific gravity	0.86	kg/dm3
Stabilizer	non staining	
Packaging	Cardboard box; LDPE bale wrap; 30 quasi friable bales (750 kg).	

,

Keltan® 6470C

Storage Life/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 Registered Trademark of LANXESS Deutschland GmbH

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

Issue number: LX 12 / Date of issue: October 07, 2014 / Previous issue from July 10, 2014 / Information current as of date of issue. Please contact your ARLANXEO representative to determine if this publication has been revised.