

Keltan® 4869C

Product Description

Semi crystalline, highly oil extended, ethylene-propylene rubber with high ENB (ethylidene norbornene) content and a medium Mooney viscosity at 100 phr colorless oil extension. The unique combination of very high molecular weight, high green strength and high ENB content results in excellent physical properties, even in the case of highly loaded formulations. The product contains 100 phr high quality colourless extender oil that makes it an excellent grade for non-black applications. This grade is broadly applicable e.g in low hardness profiles and coloured rubber parts requiring excellent UV resistance.

Supply Form

Standard bales

Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+4) 125 °C	48 MU	ISO 289 / ASTM D 1646
Ethylene Content	62 wt %	ASTM D 3900
ENB Content	8,7 wt %	ASTM D 6047
Oil Content	100 PHR	ISO 1407
Molecular Weight Distribution	CLCB	Internal Method

Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,88 g/cm ³	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.

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