

Keltan® 5470 Ethylene-propylene-diene rubber (EPDM)

Product Description Highly crystalline ethylene-propylene rubber with medium ENB (ethylidene norbornene) content and a medium Mooney viscosity. The combination of high crystallinity, narrow molecular weight distribution and medium 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 Friable bales

Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+4) 125 °C	55 MU	ISO 289 / ASTM D 1646
Ethylene Content	70 wt %	ASTM D 3900
ENB Content	4,6 wt %	ASTM D 6047
Molecular Weight Distribution	CLCB	Internal Method

Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,86 g/cm ³	Internal Method
Packaging	Cardboard box, supported packaging; LDPE bale wrap; 30 friable bales (750 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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