

Keltan[®] 5469

Product Description

Semi crystalline, highly oil extended, ethylene-propylene rubber with medium ENB (ethylidenenorbornene) content and an extreme high molecular weight. The combination of the extreme high molecular weight of the base polymer and the presence of 100 phr extender oil results in high compound loading and excellent mechanical properties. The extender oil facilitate fast filler incorporation and thus fast mixing. Typical application areas for this grade are hoses, bellows and non black products.

Supply Form

Bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 125°C	52 ± 4	MU	ISO 289
Ethylene content	63.2 ± 2.1	wt %	ASTM D 3900
ENB content	4.5 ± 0.4	wt %	ASTM D 6047
Oil content	50 ± 2.0	wt %	ISO 1407 method D
Volatile Matter	max. 0.5	wt %	ISO 248/ASTM D 5668

Other Product Features

Property	Typical Value		
Specific gravity	0.88		
Total Ash	≤ 0.5	wt %	ISO 247/ASTM D 5667
Stabilizer	non staining		

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Packaging	25 kg bales in corrugated cardboard boxes; pallets of 36 bales (900 kg)
Shelf life	36 months from date of production at temperatures not exceeding 30°C in dry conditions; exposure to light has to be avoided
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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