

Keltan[®] 3250Q

Product Description

Amorphous ethylene-propylene rubber with a low ENB (ethylidene norbornene) content and a low Mooney viscosity.

The amorphous structure ensures very good low temperature properties while the low Mooney is very beneficial for processing and the incorporation of short fibers in (belt-)compounds. The low ENB content makes this polymer very compatible with respect to cure characteristics in blends with butyl rubber. Advantages of EPDM-Butyl blends (compared to 100% butyl) are improved heat- and ozone resistance, lower raw material costs and lower compound costs through increased addition levels of filler and oil.

Typical application areas for the product are (conveyor-)belts, geomembranes, inner tubes, curing bladders and inner-tubes.

Supply Form

Standard bales.

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 125°C	33	MU	ASTM D 1646
Ethylene content	55	wt %	ASTM D 3900
ENB content	2.3	wt %	ASTM D 6047
Molecular weight distribution	Narrow		LANXESS

Other Product Features

Property	Typical Value	
Specific gravity	0.86	kg/dm ³
Stabilizer	non-staining	
Packaging	Cardboard box; LDPE bale wrap; 36 standard bales (900 kg).	

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Storage Life/Conditions	The product should be stored dry and at temperature < 30 °C. Exposure to light has to be avoided.
Shelf life	24 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.

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