

BUNA FX 3234A-2

Product Description

Buna® FX 3234A-2 HM is a functionalised solution Styrene-Butadiene Rubber containing 34% of bounded styrene. The high Mooney viscosity in combination with the extension with 37,5 phr. TDAE extender oil allows for high molecular weights in the rubber increasing the treadwear resistance combined with easy processing. Buna® FX 3234A-2 HM is functionalized with polar end-groups to increase the interaction with silica fillers. This reduces the hysteresis inside the tread compound, thus reducing the rolling resistance of the tire.

Typical applications are high performance tire treads. Important tire properties like grip and rolling resistance is enhanced. The high styrene content imparts a high level of dynamic stiffness making the grade especially suitable for high performance summer tires.

Supply Form

Bales

Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+4) 125 °C	65 MU	ISO 289 / ASTM D 1646
Styrene Content	34 wt %	Internal Method
Oil Content	27,3 wt %	Internal Method
Vinyl Content	32 wt %	Internal Method

Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,95 g/cm ³	ASTM D 297
Packaging	33 kg bales wrapped in PE film; 36 bales in a box (1188 kg)	
Storage Conditions	The product should be stored dry and at temperature < 35°C. Exposure to light has to be avoided.	
Product Safety	Relevant safety data and references as well as the necessary hazard 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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Date of Release: 01.02.2021 / Information current as of date of issue. Please contact your ARLANXEO representative to determine if this publication has been revised.