PRODUCT DATA SHEET

BUNA VSL 4526-2

Product Description

Buna® VSL 4526-2 is a solution Styrene-Butadiene Rubber containing 26% of bounded styrene. The extension with extension with 37,5 phr. TDAE extender oil allows for very high molecular weights in the rubber increasing the treadwear resistance combined with easy processing. Buna® VSL 4526-2 has a modified microstructure with a high vinyl content. The high vinyl content increases the Tg values which result in an excellent balance of important properties in tire compounds like handling, traction and rolling resistance. Corresponding vulcanizates have excellent resistance to reversion and a distinguished resilience, while keeping flexibility at relatively low temperatures.
Typical applications are high performance tire treads. Important tire properties like grip and rolling resistance is enhanced.

Supply Form

Bales

Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+4) 100 °C	50 MU	ISO 289 / ASTM D 1646
Styrene Content	26 wt %	Internal Method
Oil Content	27,3 wt %	Internal Method
Vinyl Content	44,5 wt %	Internal Method

Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,94 g/cm³	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.

 This document contains important information and must be read in its entirety.

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