

BUNA FX 3234A-2 HM

Product Description

Buna® FX 3234A-2 is a functionalised solution Styrene-Butadiene Rubber containing 34% of bounded styrene. 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. On the other hand, the slightly reduced viscosity allows easier processing. Buna® FX 3234A-2 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 | 63 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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