



## Buna™ FX Functionalized Solution Styrene Butadiene Rubber (S-SBR)

A step forward has been taken with the introduction of the Buna™ FX 3234A-2 HM grade, which is a high styrene functionalized S-SBR that enhances the polymer to silica filler interaction. This enhancement reduces internal frictions inside the tread compound thus improving the rolling resistance levels even further. Traction indicators have also been improved. The high styrene microstructure is designed particularly for high performance summer tires. The high Mooney Viscosity (80 MU) imparts excellent treadwear performance.

Buna™ FX 3234A-2 was designed to improve processing with its lower compound Mooney viscosity (65 MU), while maintaining similar improved performance properties. Specifically, it targets improved polymer to silica filler interactions, which results in low hysteresis inside the compound. Both functionalized high styrene S-SBR products contain 37.5 phr of TDAE oil which is in compliance with the European directive 2005/69/EC.

### PRODUCT PORTFOLIO

#### Functionalized Solution Styrene Butadiene Rubber

Name	Plant	Mooney <sup>1</sup> (MU)	Vinyl (%)	Styrene (%)	TDAE (phr)	Tg (°C)
Buna™ FX 3234A-2	POJ	65	32	34	37.5	-30
Buna™ FX 3234A- 2 HM	POJ	80	32	34	37.5	-30

<sup>1</sup>ML (1+4) @ 100 °C



# TIRE AND SPECIALTY RUBBERS GLOBAL FOOTPRINT



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