Natural Rubber Reclaim

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Old tyres are the basic source of raw materials required for reclaiming natural rubber. At MV Enterprises, we use high-end technology to produce tyre reclaim- branded in the name of ALSTRONG - that has, in a short span, found a dedicated customer base in a host of industries.

Grades of Natural Rubber Reclaim

- ALNR-80 SF
- ALNR-65F
- ALNR-50 M
- ALNR- 45 SF
- ALNR-40 F

Production Process

•The entire feedstock is decontaminated by employing a separation and purification process.
•In the subsequent phase, crumb is de-vulcanized to obtain reclaimed rubber that boasts Mooney Viscosity in the range of 40-60.

Advantage ALSTRONG

•Acts as a perfect substitute for natural rubber, without any compromise on end product quality.
• Lower power consumption and raw material costs coupled with functionalities like lower calendaring, mixing and extrusion temperatures.
• The reversion and ageing performance of natural rubber improves the penetration of fabric and cord and also increases the service life of the end product.

Key Grades			ALNR-80SF	ALNR-65F	ALNR-50 M	ALNR- 45 SF	ALNR-40 F
Ash	(%)	ASTM D297-18	7 ± 2	7 ± 2	7 ± 2	7 ± 2	7 ± 2
Carbon Black	(%)	ASTM E 1131	27 ± 3	27 ± 3	27 ± 3	24 ± 3	24 ± 3
Acetone Extract	(%)	ASTM D297-18	16 ± 3	16 ± 3	16 ± 3	15 ± 3	15 ± 3
Heat Loss	(%)	ASTM D1278	1 max.	1 max.	1 max.	1 max.	1 max.
Rubber Hydrocarbon Content	(%)	ASTM E 1131	48 min.	48 min.	48 min.	52 min.	52 min.
Specific Gravity		ASTM D297-93	1.14 ± 0.02	1.14 ± 0.02	1.14 ± 0.02	1.14 ± 0.02	1.14 ± 0.02
Tensile Strength	Kg /cm2	ASTM D412	75 min.	60 min	50 min	45 min	40 min
Elongation at Break	(%)	ASTM D 412	300 min	280 min	250 min	200 min	200 min
Hardness	Shore A	ASTM D2240	59±3	59±3	59±3	59±3	59±3
Mooney Viscosity	@ 100°C	ASTM D1646	45±15	45±15	45±15	40±15	40±15
Grain Size		Visual	Super Fine	Fine	Medium	Super Fine	Fine
Physical Appearance & Packing			Black Sheets Thick 15 – 20 mm. Packed In 50/25 Kg White Color HDPE BAGS or 10 Kg bales packed in low melting Eva bags				

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