

SMR10:

Application:

Inner Tubes, Technical Rubber Products

Packing:

35kg per bale / 1260 kg per pallet, Wooden pallet / Shrink Wrap

SMR20:

Application:

Applications New Tyres, Retreads, Orbitreads, Procured liners, Camel backs, Molded products, Extruded

Packing:

Pallet or Shrink Wrapped, Loose Bale

Parameter	SMR 10	SMR 20
Dirt retained on 44 aperture (max, % wt)	0.08	0.16
Ash content (max, % wt)	0.75	1
Nitrogen (max, % wt)	0.60	0.60
Volatile matter (max, % wt)	0.80	0.8
Wallance rapid plasticity (Po) (Min)	30	30
Plasticity retention index (PRI) (min, %)	50	40

ISNR

Processing of natural rubber into blocks similar to synthetic rubbers adopting cost effective and modern processing methods is a notable improvement in the presentation of dry natural rubber from India. This is in line with the consumer preference in the world rubber market for Technically Specified Rubber, which has the following advantages:

Applications of ISNR grades:

ISNR 3 CV: High quality products with superior dynamic properties.

ISNR 3 L: Colored products like injection bottle caps, syringe heads, transparent items.

ISNR 5: Moulded and extruded items like auto components, bridge bearings, rubber linings etc.

ISNR 10: Inner tubes, conveyor belts, footwear, water proofing materials, hoses and tubes.

ISNR 20: All types of automobile tyres, re-treading materials, mats and other general rubber products

Characteristic	ISNR 3CV	ISNR 3L	ISNR 5	ISNR 10	ISNR 20	ISNR 50
Dirt percent by mass (Max)	0.03	0.03	0.05	0.10	0.20	0.50
Volatile matter, percent by mass (Max)	0.80	0.80	0.80	0.80	0.80	0.80
Ash, percent by mass (Max)	0.50	0.50	0.60	0.75	1.00	1.50
Nitrogen, percent by mass, Max	0.60	0.60	0.60	0.60	0.60	0.60
Initial plasticity Po (Min)	As agreed to between the purchaser and the supplier	30.00 (Min)	30.00 (Min)	30.00 (Min)	30.00 (Min)	30.00 (Min)
Plasticity retention index, PRI (Min)	60.00	60.00	60.00	50.00	40.00	30.00
Colour (Lovibond scale)	-	6.0	-	-	-	-
Mooney viscosity (1+4) at 100 C	60+(-)5	-	-	-	-	-
Accelerated storage hardening Po (max)	8.00	-	-	-	-	-
Colour code	Black	Black	Green	Brown	Red	Yellow
