



TECHNICAL DATA SHEET LX-G1R

TGA TEST Using Thermogravimetric Analyzer (NETZSCH: model TG 209 F1 Libra)

Composition	Decomposition Temperature Range (°C)	Content (%wt)
Volatile Matter and Polymer	30 - 600	81
Inorganic Filler	600 - 800, > 800	17
Other Inorganic Residues	> 800	2

PROPERTIES

Property	Standard	
	LX-G1R	Test Method
Mooney Viscosity ML (1+4) 100°C	35.0 - 65.0	ISO 289 - 1
Specific Gravity (g/cm ³)	1.00 - 1.05	HG/T2728
After Vulcanizing		
Tensile Strength (MPa)	13.50 - 17.50	ISO 37 (Type1)
Modulus at 300% Elongation (MPa)	1.50 - 3.50	ISO 37 (Type1)
Elongation at Break (%)	650 - 850	ISO 37 (Type1)

Applications

Eko Rubber LX-G1R has wide variety of Rubber Industrial Applications especially small rubber parts and high quality colorful products.

Packaging

Net 20 Kg per Bale wrapped with LDPE Plastic with the size of approximately 30 cm x 70 cm x 15 cm (Width x Length x Thickness)

Storage

Recommended conditions are dry storage in a cool atmosphere. There will be a slow increase of Mooney Viscosity on storage, for which a maximum of one year is recommended.

Health & Safety

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.